ecology and environment engineering and geology, p.c.
Environmental Specialists

BUFFALO CORPORATE CENTER
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February 20, 2019

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

Re: Mr. C's Dry Cleaners Site, Contract # D007617, Site # 915157
January 2019 Operations, Maintenance, and Monitoring Report

Dear Mr. Long:

Ecology and Environment Engineering and Geology, P.C. (E&E) is pleased to provide the January 2019 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, New York.

During the January 2019 reporting period, the treatment system was in operation from January 3 to January 29, 2019. The January monthly OM&M sampling was performed on January 29, 2019, and the results were received from SAI on February 7, 2019 (See Attachment A). A summary of field activities prepared by E&E's subcontractor, IYER Environmental Group, PLLC. (IEG), is provided in Attachment B. The current annual site utility cost information is provided in Attachment C.

In response to the 2017 Periodic Review Report, it was requested that testing of the groundwater from the pumping wells in operation be performed on a quarterly schedule. Samples were collected from pumping wells PW-4, PW-5, PW-6, PW-7, and PW-8 during the reporting period on January 8, 2019. Results of this sampling can be found in Attachment D. The next round of quarterly testing of the pumping wells shall occur in April 2019.

In review of the on-site treatment system operations, monitoring and maintenance from IEG for January 2019, E&E offers the following comments and highlights:

Operational Summary:

- Based on inspection reports prepared by IEG, the remedial treatment system for the period of January 3 through January 29, 2019, had an approximate operational up-time of 100%, and 117,899 gallons of contaminated groundwater was treated during the reporting period. The treated effluent volumes and operational up-time can be seen in Table 1.
- The compliance samples from January 29, 2019 had discharge effluent concentrations for cis-1,2-dichloroethene, methyl tert-butyl ether, trichloroethene, tetrachloroethene, and vinyl chloride below the daily SPDES Equivalency permit requirements of 10 µg/L

for each contaminant. All other requirements of the SPDES Equivalency permit were also met. The effluent results for January 2019 are provided in Table 2.

- The analytical summary results of the January 29, 2019 samples revealed the total volatile organic contaminant concentrations of the influent to be 4,868.30 µg/L and the concentration of total volatile organic contaminants in the effluent was 3.70 µg/L . The summary of influent and effluent contaminant concentrations for the January 2019 sampling are presented in Table 3. Acetone was detected in the effluent sample, but not the influent sample. It is suspected that this is due to lab contamination. Figure 1 shows the influent and effluent VOC concentrations during each sampling event in 2018 and 2019.
- The Mr. C's treatment system, based on the total flows from the uptime operations, removed 4.79 lbs. of targeted contaminants from the groundwater between January 3 to January 29, 2019. The cleanup effectiveness for January 2019 was approximately 99.92%. The calculations and data for the month are presented in Table 3. The mass of VOCs removed each month throughout 2018 and 2019 is shown in Figure 2.

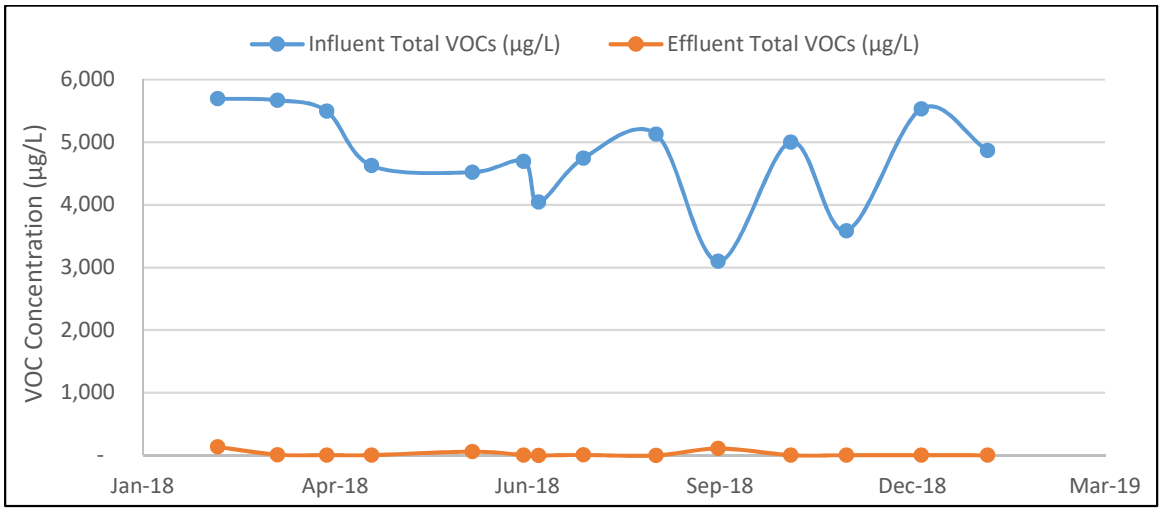


Figure 1: Monthly Influent and Effluent VOC concentrations - 2018 and 2019.

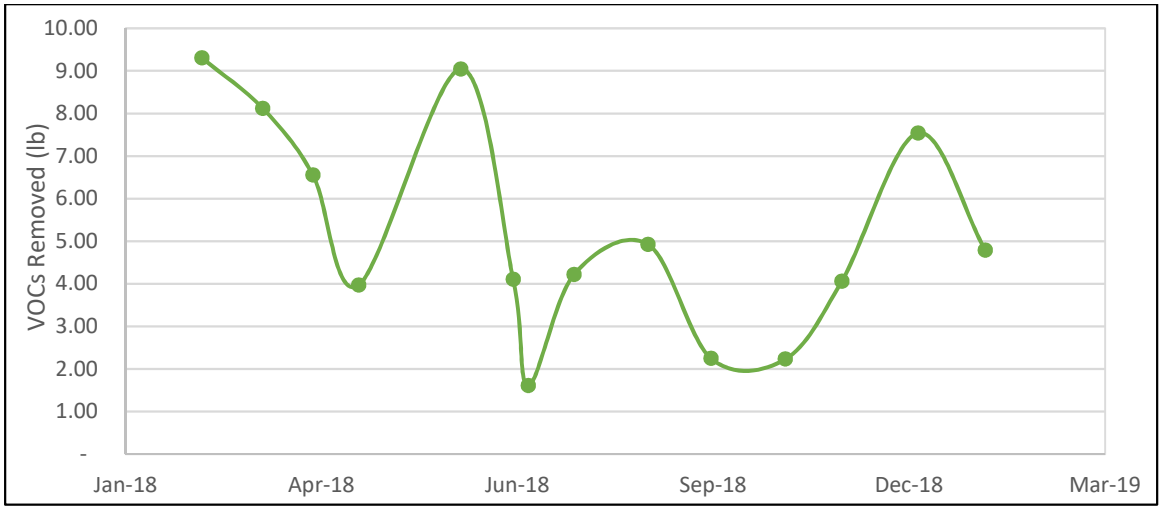


Figure 2: Mass of VOCs removed each month - 2018 and 2019.

Pumping Well Summary:

- Pumping wells PW-4, PW-5, PW-6, PW-7, and PW-8 were sampled on January 8, 2019. Results of the pumping well sampling event are provided in Table 4. Figures 3 through 7 show the historical concentrations of cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene (PCE), and trichloroethene (TCE) throughout 2017 to 2019.
- Individual pumping well sampling will continue to be completed on a quarterly basis to monitor VOC concentrations.

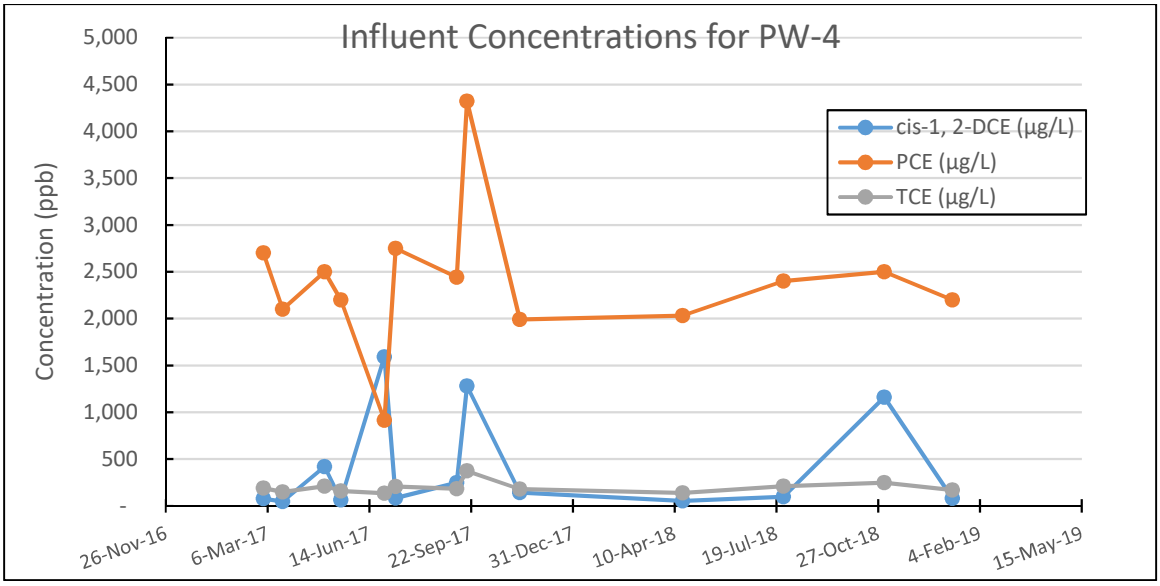


Figure 3: Influent concentrations of cis-1,2-DCE, PCE, and TCE - Pumping Well 4 (PW-4).

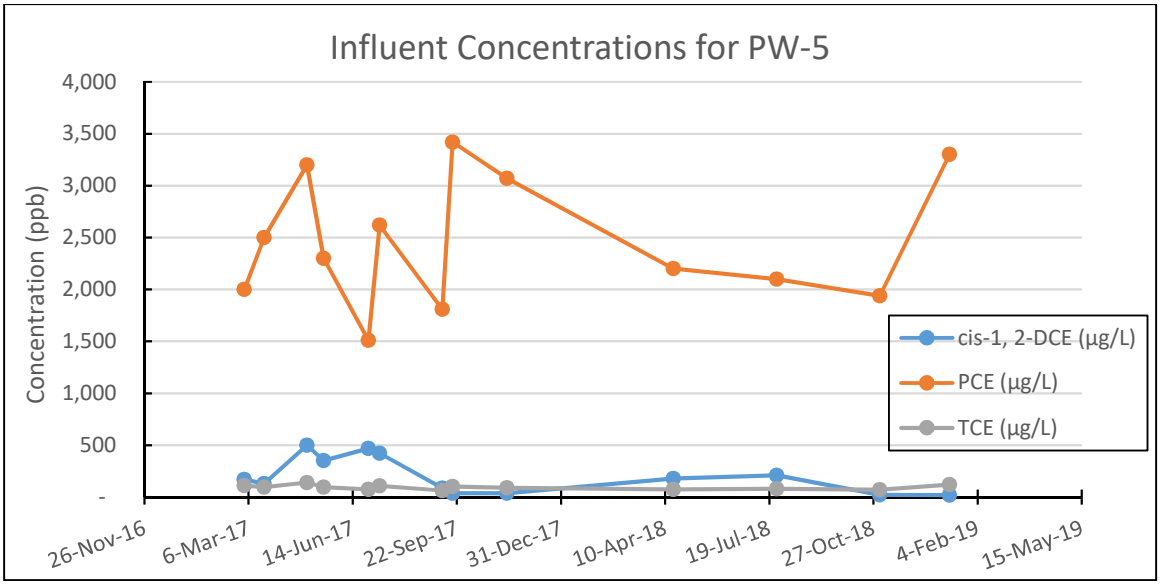


Figure 4: Influent concentrations of cis-1, 2-DCE, PCE, and TCE - Pumping Well 5 (PW-5).

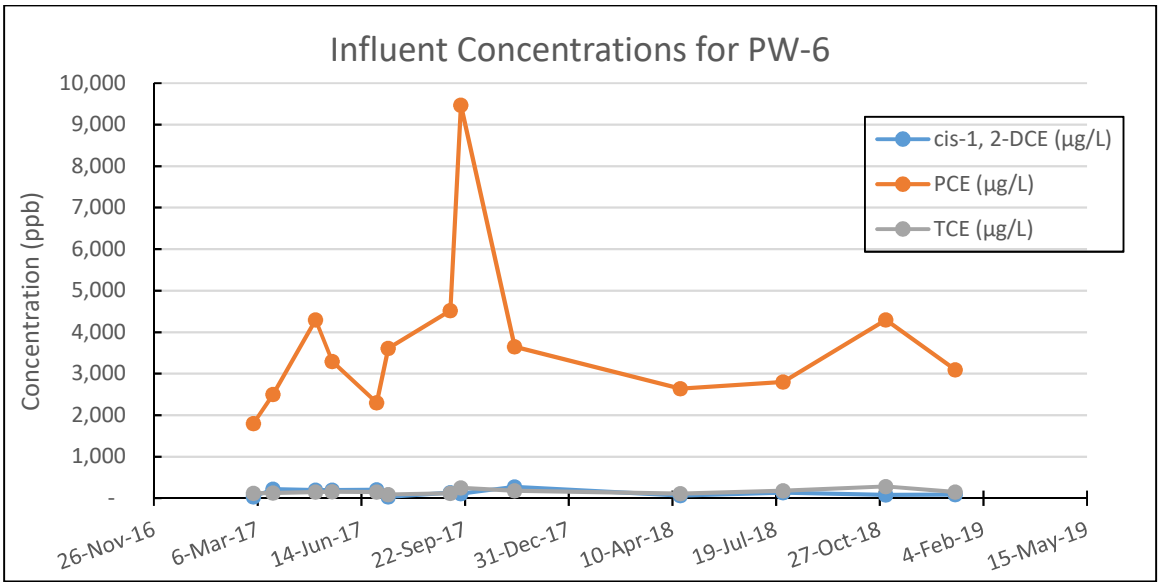


Figure 5: Influent concentrations of cis-1, 2-DCE, PCE, and TCE - Pumping Well 6 (PW-6).

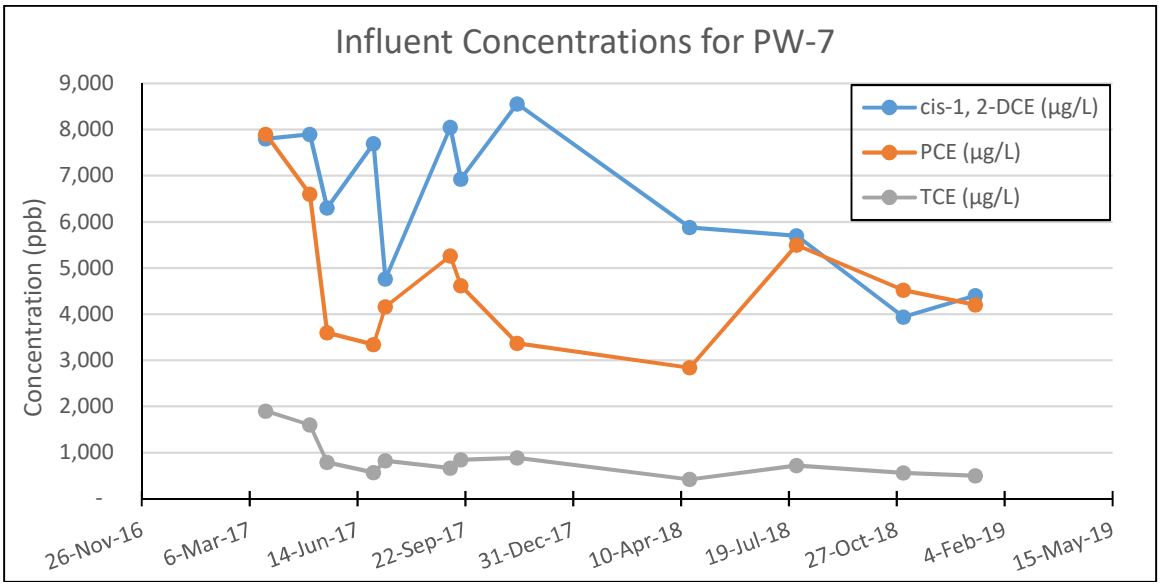


Figure 6: Influent concentrations of cis-1, 2-DCE, PCE, and TCE - Pumping Well 7 (PW-7).

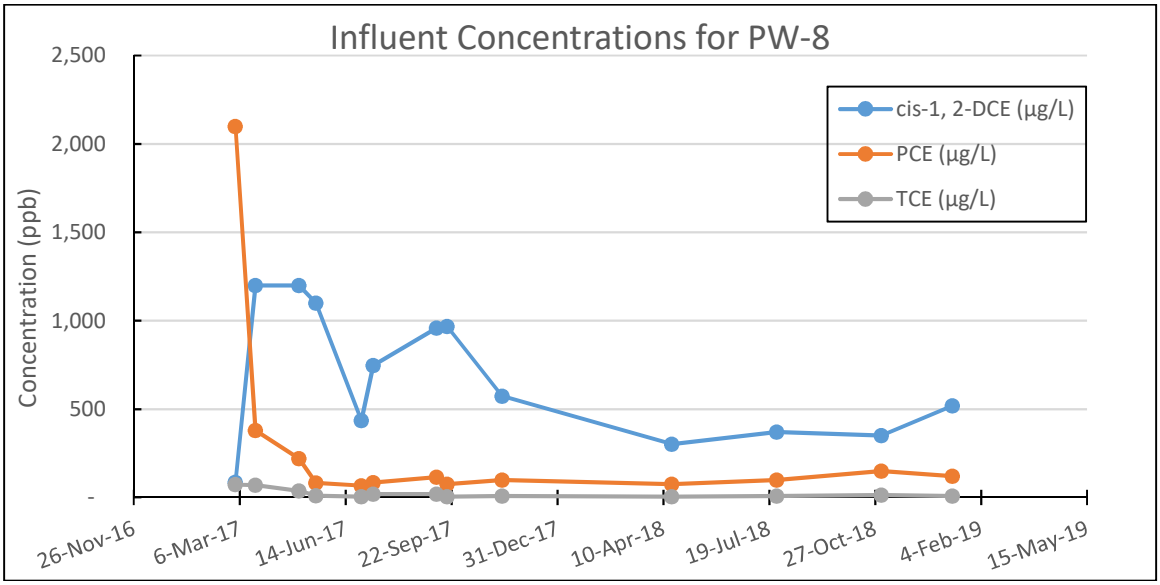


Figure 7: Influent concentrations of cis-1, 2-DCE, PCE, and TCE - Pumping Well 8 (PW-8).

If you have questions regarding the January 2019 OM&M report summary, please do not hesitate to contact me at 716-684-8060 or asmith@ene.com.

Very Truly Yours,
Ecology and Environment Engineering and Geology, P. C.

Ashlee Smith
Project Manager

cc: D. Szymanski, Region 9, NYSDEC – Buffalo w/ attachments
D. Iyer, IEG w/ attachments

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

Month	Sample Date	Up-time (Reporting Period)		Treated Effluent (gallon)	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 01/02/19)		**126,541.50**	**91.36%**	**133,095,600**	**NA**	**NA**	**1,753.47**
January 03, 2019 to January 29, 2019	January 29,2019	648	100.00%	117,899	4868.30	3.70	4.79
Total in 2019		**648.00**	**100.00%**	**117,899**	**4,868.30**	**3.70**	**4.79**
Total from startup		**127,189.50**	**91.40%**	**133,213,499**	**NA**	**NA**	**1,758.26**

NOTES:

1. Up-time based as percentage of total reporting hours.
2. Treatment system operated by Iyer Environmental Group from 07/07/2016 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:

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

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

Parameter/Analyte	Daily Maximum[1]	Units	January 29, 2019 Effluent Analytical Values Compliance
Flow (Average)[2]	N/A	gpd	4,367
pH	6.0 - 9.0	standard units	8.34
1,1 Dichloroethene	10	µg/L	ND(<1.0)
1,1 Dichloroethane	10	µg/L	ND(<5.0)
cis-1,2-dichloroethene	10	µg/L	ND(<1.0)
Trichloroethene	10	µg/L	ND(<1.0)
Tetrachloroethene	10	µg/L	ND(<1.0)
Vinyl Chloride	10	µg/L	ND(<1.0)
Benzene	5	µg/L	ND(<0.70)
Ethylbenzene	5	µg/L	ND(<1.0)
Methylene Chloride	10	µg/L	ND(<3.0)
1,1,1 Trichloroethane	10	µg/L	ND(<1.0)
Toluene	5	µg/L	ND(<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	ug/L	ND(<1.0)
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(<20)
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		485
Cyanide, Free[4]	10	µg/L	NA[4]

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
2. Average flows based on effluent readings:

   January 3 - January 29, 2019 = 4,367 gallons per day
3. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
4. Removed from the required analysis list by NYSDEC Region 9 in February 2005.
5. Dark shaded cells indicate that analytical value exceeds the "Daily Maximum."
6. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
7. "NA" indicates that analyses were not performed and data is unavailable.
8. "J" indicates an estimated value below the detection limit.
9. "B" indicates analyte found in the associated blank.
10. "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
January 2019 VOC Analytical Summary

Compound	Based on the January 29, 2019 Effluent Analytical Results				
	Influent Concentration* (ug/L)		Effluent Concentration** (ug/L)		Cleanup Efficiency*** (%)
Acetone	ND(<100)	U	3.7	J	NA
Benzene	ND(<14)	U	ND(<0.70)	U	NA
cis-1, 2-Dichloroethene	2400		ND(<1.0)	U	100.00%
Chloroform	ND(<100)	U	ND(<5.0)	U	NA
Chloromethane	ND(<100)	U	ND(<5.0)	U	NA
Methylene chloride	ND(<60)	U	ND(<3.0)	U	NA
Methyl tert-butyl ether (MTBE)	8.3	J	ND(<1.0)	U	100.00%
Methyl acetate	NA		NA		NA
Tetrachloroethene (PCE)	2000		ND(<1.0)	U	100.00%
Toluene	ND(<20)	U	ND(<1.0)	U	NA
Trichloroethene (TCE)	280		ND(<1.0)	U	100.00%
Carbon Disulfide	ND(<20)	U	ND(<1.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluororethane	ND(<20)	U	ND(<1.0)	U	NA
2-Hexanone	ND(<50)	U	ND(<2.5)	U	NA
4-Methyl-2-pentanone	ND(<50)	U	ND(<2.5)	U	NA
Cyclohexane	NA		NA		NA
trans-1,2-dichloroethene	10		ND(<5.0)	U	100.00%
Chlorobenzene	ND(<100)	U	ND(<5.0)	U	NA
Methylcyclohexane	NA		NA		NA
Ethylbenzene	ND(<20)	U	ND(<1.0)	U	NA
Vinyl Chloride	170		ND(<1.0)	U	100.00%
Total Xylenes	ND(<20)	U	ND(<20)	U	NA
TOTAL:	**4868.3**		**3.7**		**99.92%**

Notes:

1. The efficiency cleanup values are calculated based on the January 29, 2019 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. Non-detect values are assumed to be equal to zero for calculation of monthly average concentrations.
6. "JS" indicates an estimated value and suspected lab contamination.
7. "Bold" - exceeds the SPDES Equilavency Permit Requirements.

* Detection Limits (<14), (<20), (<50), (<60), and (<100).

** Detection Limits (<0.7),(<1.0), (<2.0), (<2.5),(<3.0), and (<5.0).

*** Contaminants of Concern only

Table 4
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #915157
January 2019 Analytical Summary of Groundwater from Pumping Wells

Compound*	Based on the January 8, 2019 Analytical Results									
	Puming Well PW-04 (ug/L)		Puming Well PW-05 (ug/L)		Puming Well PW-06 (ug/L)		Puming Well PW-07 (ug/L)		Puming Well PW-08 (ug/L)	
Acetone	ND (<50)	U	ND (<50)	U	ND (<50)	U	ND (<50)	U	ND (<50)	U
Benzene	ND (<14)	U	ND (<14)	U	ND (<14)	U	ND (<14)	U	ND (<14)	U
2-Butanone	RDL		RDL		RDL		RDL		RDL	
cis-1, 2-Dichloroethene	79	D	19	J	89	D	4400	D	520	U
Chloroform	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
Chloromethane	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
Methylene chloride	ND (<60)	U	ND (<60)	U	ND (<60)	U	ND (<60)	U	ND (<15)	U
Methyl tert-butyl ether (MTBE)	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	0	U
Methyl acetate	ND (<100)	U	ND (<100)	U	ND (<100)	U	ND (<100)	U	ND (<25)	U
Tetrachloroethene (PCE)	2200	D	3300	D	3100	D	4200	D	120	D
Toluene	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
Trichloroethene (TCE)	170	D	120	D	150	D	500	D	8.5	D
Carbon Disulfide	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
1,1,2 Trichloro-1,2,2-trifluororethane	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
2-Hexanone	ND (<50)	U	ND (<50)	U	ND (<50)	U	ND (<50)	U	ND (<13)	U
4-Methyl-2-pentanone	ND (<50)	U	ND (<50)	U	ND (<50)	U	ND (<50)	U	ND (<13)	U
Cyclohexane	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
trans-1,2-dichloroethene	ND (<20)	U	9	J	ND (<20)	U	33	D	ND (<5.0)	U
Chlorobenzene	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
Methylcyclohexane	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
Ethylbenzene	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
Vinyl Chloride	ND (<20)	U	ND (<20)	U	ND (<20)	U	390	D	0	U
Total Xylenes	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<20)	U	ND (<5.0)	U
TOTAL:	**2449.0**		**3448.00**		**3339.00**		**9523.00**		**648.50**	

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 form a secondary dilution analysis.
6. "Bold" - exceeds the SPDES Equilavency Permit Requirements.
7. Contaminants of Concern only.

Attachment A
Excerpts from the Groundwater Treatment System Analytical Report from Spectrum Analytical Laboratories

Analytical Data Package Work Order ID: SC53305
Sampled by IEG: January 29, 2019
Report Received: February 07, 2019

eurofins | Spectrum Analytical

☑ Final Report
☐ Revised Report

Report Date:
07-Feb-19 13:20

Laboratory Report
SC53305

Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086
Attn: Mary Kate Mooney

Project: Mr. C's - East Aurora, NY
Project #: [none]

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

Erica Troy
Quality Services Manager

Eurofins Spectrum Analytical holds primary NELAC certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 24 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Sample Summary

Work Order: SC53305

Project: Mr. C's - East Aurora, NY

Project Number: [none]

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC53305-01	Influent	Ground Water	29-Jan-19 13:00	30-Jan-19 10:45
SC53305-02	Effluent	Ground Water	29-Jan-19 13:00	30-Jan-19 10:45
SC53305-03	TB HCL	Trip Blank	29-Jan-19 13:00	30-Jan-19 10:45

Summary of Hits

Lab ID: SC53305-01 **Client ID:** Influent

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Hardness (CaCO3)	466		0.1	mg/L	E200.7
Methyl t-butyl ether (MTBE)	8.3	J	20	ug/L	SW8260C
trans-1,2-Dichloroethene	10	J	100	ug/L	SW8260C
Trichloroethene	280		20	ug/L	SW8260C
Vinyl chloride	170		20	ug/L	SW8260C

Lab ID: SC53305-01RE1 **Client ID:** Influent

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	2400		200	ug/L	SW8260C
Tetrachloroethene	2000		200	ug/L	SW8260C

Lab ID: SC53305-02 **Client ID:** Effluent

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Hardness (CaCO3)	485		0.1	mg/L	E200.7
Acetone	3.7	J, S	5.0	ug/L	SW8260C

Lab ID: SC53305-03 **Client ID:** TB HCL

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Chloroform	0.26	J	5.0	ug/L	SW8260C

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Influent SC53305-01	[none]	Ground Water	29-Jan-19 13:00	30-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
General Chemistry Parameters													
	pH	**7.00**	pH	pH Units			1	ASTM D 1293-99B	30-Jan-19 14:30	30-Jan-19 14:30	ABW	1900132	
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
	Hardness (CaCO3)	**466**		mg/L	0.1		1	E200.7	31-Jan-19 22:26	31-Jan-19 22:26	11301	'[none]'	
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	SW8260C	31-Jan-19 08:17	31-Jan-19 20:37	11301	465513A	
71-55-6	1,1,1-Trichloroethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 20		ug/L	20	10	20	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 12		ug/L	12	10	20	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
591-78-6	2-Hexanone	< 50		ug/L	50	50	20	"	"	"	"	"	
527-84-4	2-Isopropyltoluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 50		ug/L	50	50	20	"	"	"	"	"	
67-64-1	Acetone	< 100		ug/L	100	50	20	"	"	"	"	"	
107-02-8	Acrolein	< 100		ug/L	100	50	20	"	"	"	"	"	
107-13-1	Acrylonitrile	< 100		ug/L	100	50	20	"	"	"	"	"	
71-43-2	Benzene	< 14		ug/L	14	5.0	20	"	"	"	"	"	
108-86-1	Bromobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-97-5	Bromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-25-2	Bromoform	< 100		ug/L	100	5.0	20	"	"	"	"	"	
74-83-9	Bromomethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 20		ug/L	20	5.0	20	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Influent	[none]	Ground Water	29-Jan-19 13:00	30-Jan-19
SC53305-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
108-90-7	Chlorobenzene	< 100		ug/L	100	5.0	20	SW8260C	31-Jan-19 08:17	31-Jan-19 20:37	11301	465513A	
75-00-3	Chloroethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
67-66-3	Chloroform	< 100		ug/L	100	5.0	20	"	"	"	"	"	
74-87-3	Chloromethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-95-3	Dibromomethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-41-4	Ethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 10		ug/L	10	4.0	20	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 50		ug/L	50	50	20	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**8.3**	J	ug/L	20	5.0	20	"	"	"	"	"	
75-09-2	Methylene chloride	< 60		ug/L	60	20	20	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
91-20-3	Naphthalene	< 20		ug/L	20	20	20	"	"	"	"	"	
95-47-6	o-Xylene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-42-5	Styrene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 100		ug/L	100	50	20	"	"	"	"	"	
108-88-3	Toluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**10**	J	ug/L	100	5.0	20	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-buten e	< 50		ug/L	50	50	20	"	"	"	"	"	
79-01-6	Trichloroethene	**280**		ug/L	20	5.0	20	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-01-4	Vinyl chloride	**170**		ug/L	20	5.0	20	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*94*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*105*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*97*			*70-130 %*			"	"	"	"	"	
Re-analysis of Subcontracted Analyses Prepared by method SW8260C													
156-59-2	cis-1,2-Dichloroethene	**2,400**		ug/L	200	50	200	SW8260C	31-Jan-19 08:17	31-Jan-19 20:12	11301	465513A	
127-18-4	Tetrachloroethene	**2,000**		ug/L	200	50	200	"	"	"	"	"	
Surrogate recoveries:													

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Influent SC53305-01	[none]	Ground Water	29-Jan-19 13:00	30-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
Re-analysis of Subcontracted Analyses													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*99*			*70-130 %*			SW8260C	31-Jan-19 08:17	-Jan-19 20:	11301	465513A	
460-00-4	*% Bromofluorobenzene*	*91*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*106*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*85*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Effluent SC53305-02	[none]	Ground Water	29-Jan-19 13:00	30-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
General Chemistry Parameters													
	pH	**8.34**	pH	pH Units			1	ASTM D 1293-99B	30-Jan-19 14:30	30-Jan-19 14:30	ABW	1900132	
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
	Hardness (CaCO3)	**485**		mg/L	0.1		1	E200.7	31-Jan-19 22:26	31-Jan-19 22:26	11301	'[none]'	
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	30-Jan-19 16:26	30-Jan-19 21:48	11301	465356A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
527-84-4	2-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	**3.7**	J, S	ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Effluent SC53305-02	[none]	Ground Water	29-Jan-19 13:00	30-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	SW8260C	30-Jan-19 16:26	30-Jan-19 21:48	11301	465356A	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-buten e	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*97*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*90*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*95*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*98*			*70-130 %*			"	"	"	"	"	

SC53305 By

eurofins | Spectrum Analytical

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

- [X] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: E & E, Inc.
368 Pleasantview Dr
Lancaster, NY 14086

Telephone #: (716) 684-8060
Project Mgr: Mary Kate Mooney

Invoice To: E & E, Inc

P.O No.: _____ Quote #: _____

Project No: _____
Site Name: Mr Cs O M & M
Location: East Aurora State: NY
Sampler(s): R. Allen

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	List Preservative Code below: —	4	2	Analysis: pH	Hardness	VOCs	Check if chlorinated
SC53305-01	INFLUENT	1/29/19	1:00 P	G	GW				1				✓			☐
-02	INFLUENT			G	GW				2					✓		☐
-03	INFLUENT			G	GW	3									✓	☐
-04	EFFLUENT			G	GW				1				✓			☐
-05	EFFLUENT			G	GW				2					✓		☐
-06	EFFLUENT			G	GW	3									✓	☐
-07	TB HCL			G	W	2									✓	☐
																☐
																☐
																☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☒ No
CT DPH RCP Report? ☐ Yes ☒ No
☒ Standard ☐ No QC ☐ DQA*
☒ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: _____
State-specific reporting standards:

Please send another Sample Kit. (Do not send smallest coolers)

Relinquished by:	Received by:	Date:	Time:
Richard C Allen Jr	Fedex		
Fedex		1/30/19	10:45

Temp °C: Observed 3.1 | Correction Factor 0 | Corrected 3.1 | IR ID # 1

☒ EDD format: PDF
☒ E-mail to: mmooneye@ene.com

Condition upon receipt: Custody Seals: ☐ Present ☑ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Attachment B
IEG Summary of Field Activities
January 2019

01/07/2019
01/22/2019
01/28/2019

MR. C's DRY CLEANERS SITE
NYSDEC Site #9-15-157
OM&M: SITE INSPECTION FORM

DATE: 7-Jan-19 *ACTIVITIES:* Site Inspection

INSPECTION PERSONNEL: R. Allen *OTHER PERSONNEL:* ----------

WEATHER CONDITIONS: Cloudy, cold *OUTSIDE TEMPERATURE (°F):* 28

ARE WELL PUMPS OPERATING IN AUTO: YES: NO: √ If "NO", provide explanation below

RW-1, PW-2 and PW-3 are manually set to OFF position; PW-4 through PW-8 are in AUTO

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	14	ft	PW-5	ON:	OFF: √	5	ft
PW-2	ON:	OFF: √	10	ft	PW-6	ON:	OFF: √	6	ft
PW-3	ON: √	OFF:	12	ft	PW-7	ON: √	OFF:	4	ft
PW-4	ON: √	OFF:	4	ft	PW-8	ON:	OFF: √	4	ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 1/1/2019 Air Stripper Low Pressure

NOTES:

INFLUENT FLOW RATE: 7 gpm INFLUENT TOTALIZER READING: 16967018 gallons

SEQUESTERING AGENT DRUM LEVEL: 19 inches *(x 1.7=)* *AMOUNT OF AGENT REMAINING:* 32 gallons

SEQUESTERING AGENT FEED RATE: ----- ml/min *METERING PUMP PRESSURE:* ----- psi

	Top	Bottom		Top	Bottom	
BAG FILTER PRESSURES: LEFT:		0	psi	RIGHT: 8	0	psi

INFLUENT FEED PUMP IN USE: #1 √ #2 *INFLUENT PUMP PRESSURE:* 7 psi

AIR STRIPPER BLOWER IN USE: #1 √ #2 *AIR STRIPPER PRESSURE:* 22 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: broken in. H_2O *DISCHARGE PRESSURE:* 9.7 in. H_2O

AIR FLOW : 1550 fpm X 1.4 = 2170 CFM *AIR SPARGER* *LEFT* 5.8 *RIGHT* 2.4 CFM

AIR TEMP: 85.5 °F

EFFLUENT PUMP IN USE: #1 √ #2 *EFFLUENT FEED PUMP PRESSURE:* 4 psi

EFFLUENT FLOW RATE: 85 gpm *EFFLUENT TOTALIZER READING:* 84,633,581 | 296970 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: *INSIDE TEMPERATURE (°F):* 62

IS SUMP PUMP IN USE: YES: √ NO: *ARE ANY LEAKS PRESENT?* YES: NO: √

WATER LEVEL IN SUMP: 6.0 in. *TREATMENT BUILDING CLEAN & ORGANIZED?* YES: √ NO:

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

7-Jan-19

SAMPLES COLLECTED? **YES:** √ **NO:** _____ Sampled Well Pumps Jan 8

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:						
AIR STRIPPER EFFLUENT:						

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? **YES:** _____ **NO:** √

WERE MANHOLES INSPECTED? **YES:** √ **NO:** _____

WERE ELECTRICAL BOXES INSPECTED? **YES:** √ **NO:** _____

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? **YES:** _____ **NO:** √

If yes, provide manhole/electric box ID and description of any corrective measures below:

RW-1 inner ring is corroded.

SUBSLAB SYSTEMS

TREATMENT ROOM

MANOMETER:	**1.3**	**in. WC**	west	east	***NOTES:*** cfm = 0.05 x fpm (3" PVC)
(Fan Inlet)		**FLOW (fpm):**			
CONDENSATE	**1.5**	**gallon**	**FLOW (cfm):**		
DRAINED	**Yes**	**VACUUM GAUGE (in WC)**			

OTHER LOCATIONS

586 Building SVE CONDENSATE drained: **YES**___ **NO**____ VOLUME: _____ gallon

INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE

Remarks:

Other Actions: Sampled Well Pumps: PW-4, PW-5, PW-6, PW-7 and PW-8.

AGWAY

Remarks: Site is empty of materials and has been graded and graveled.

Other Actions:

MR. C's DRY CLEANERS SITE
NYSDEC Site #9-15-157
OM&M: SITE INSPECTION FORM

DATE: 22-Jan-19 *ACTIVITIES:* Site Inspection

INSPECTION PERSONNEL: R. Allen *OTHER PERSONNEL:* ----------

WEATHER CONDITIONS: Partly cloudy, cold *OUTSIDE TEMPERATURE (°F):* 20

ARE WELL PUMPS OPERATING IN AUTO: YES: NO: √ If "NO", provide explanation below

RW-1, PW-2 and PW-3 are manually set to OFF position; PW-4 through PW-8 are in AUTO

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	13	ft	PW-5	ON:	OFF: √	6	ft
PW-2	ON:	OFF: √	10	ft	PW-6	ON:	OFF: √	7	ft
PW-3	ON: √	OFF:	11	ft	PW-7	ON:	OFF: √	5	ft
PW-4	ON:	OFF: √	4	ft	PW-8	ON:	OFF: √	6	ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 1/1/2019 Air Stripper Low Pressure

NOTES:

INFLUENT FLOW RATE: 0 gpm INFLUENT TOTALIZER READING: 17067370 gallons

SEQUESTERING AGENT DRUM LEVEL: 3 inches *(x 1.7=)* *AMOUNT OF AGENT REMAINING:* 5 gallons

SEQUESTERING AGENT FEED RATE: ----- ml/min *METERING PUMP PRESSURE:* ----- psi

		Top	Bottom			Top	Bottom	
BAG FILTER PRESSURES:	LEFT:	0	0	psi	RIGHT:	8	0	psi

INFLUENT FEED PUMP IN USE: #1 √ #2 *INFLUENT PUMP PRESSURE:* 7 psi

AIR STRIPPER BLOWER IN USE: #1 √ #2 *AIR STRIPPER PRESSURE:* 24 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: broken in. H_2O *DISCHARGE PRESSURE:* 9.7 in. H_2O

AIR FLOW : 1650 fpm X 1.4 = 2310 CFM *AIR SPARGER* *LEFT* 5.7 *RIGHT* 2.4 CFM

AIR TEMP: 86.8 °F

EFFLUENT PUMP IN USE: #1 √ #2 *EFFLUENT FEED PUMP PRESSURE:* 4 psi

EFFLUENT FLOW RATE: 81 gpm *EFFLUENT TOTALIZER READING:* 84,703,217 | 366710 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: *INSIDE TEMPERATURE (°F):* 65

IS SUMP PUMP IN USE: YES: √ NO: *ARE ANY LEAKS PRESENT?* YES: NO: √

WATER LEVEL IN SUMP: 7.0 in. *TREATMENT BUILDING CLEAN & ORGANIZED?* YES: √ NO:

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

22-Jan-19

SAMPLES COLLECTED? **YES:** _____ **NO:** √

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:						
AIR STRIPPER EFFLUENT:						

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? **YES:** _____ **NO:** √

WERE MANHOLES INSPECTED? **YES:** √ **NO:** _____

WERE ELECTRICAL BOXES INSPECTED? **YES:** √ **NO:** _____

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? **YES:** _____ **NO:** √

If yes, provide manhole/electric box ID and description of any corrective measures below:

RW-1 inner ring is corroded. MWs and UEs are covered with snow or ice.

SUBSLAB SYSTEMS

TREATMENT ROOM

MANOMETER:	**1.3**	**in. WC**	west	east	***NOTES:*** cfm = 0.05 x fpm (3" PVC)
(Fan Inlet)		**FLOW (fpm):**			
CONDENSATE	**2.0**	**gallon**	**FLOW (cfm):**		
DRAINED	**Y**	**VACUUM GAUGE (in WC)**			

OTHER LOCATIONS

586 Building SVE CONDENSATE drained: **NO**____ VOLUME: _____ gallon

INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE

Remarks:

Other Actions: Drain Air Stripper Discharge Pressure guage line.

Add sockets to Treatment Roome socket set.

Mix new Redux drum solution: 1 Redux ; 2 Water.

AGWAY

Remarks: Site is empty of materials and has been graded and graveled.

Other Actions:

MR. C's DRY CLEANERS SITE

NYSDEC Site #9-15-157

OM&M: SITE INSPECTION FORM

DATE: 28-Jan-19 *ACTIVITIES:* Site Inspection

INSPECTION PERSONNEL: R. Allen *OTHER PERSONNEL:* ----------

WEATHER CONDITIONS: Cloudy, cold *OUTSIDE TEMPERATURE (°F):* 22

ARE WELL PUMPS OPERATING IN AUTO: YES: NO: √ If "NO", provide explanation below

RW-1, PW-2 and PW-3 are manually set to OFF position; PW-4 through PW-8 are in AUTO

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	14	ft	PW-5	ON:	OFF: √	5	ft
PW-2	ON:	OFF: √	10	ft	PW-6	ON:	OFF: √	7	ft
PW-3	ON: √	OFF:	12	ft	PW-7	ON:	OFF: √	4	ft
PW-4	ON:	OFF: √	3	ft	PW-8	ON:	OFF: √	5	ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 1/1/2019 Air Stripper Low Pressure

NOTES:

INFLUENT FLOW RATE: 0 gpm INFLUENT TOTALIZER READING: 17099011 gallons

SEQUESTERING AGENT DRUM LEVEL: 29 inches *(x 1.7=)* *AMOUNT OF AGENT REMAINING:* 49 gallons

SEQUESTERING AGENT FEED RATE: ----- ml/min *METERING PUMP PRESSURE:* ----- psi

	Top	Bottom		Top	Bottom	
BAG FILTER PRESSURES: LEFT:	0	0	psi	RIGHT: 8	0	psi

INFLUENT FEED PUMP IN USE: #1 √ #2 *INFLUENT PUMP PRESSURE:* 7 psi

AIR STRIPPER BLOWER IN USE: #1 √ #2 *AIR STRIPPER PRESSURE:* 25 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: broken in. H_2O *DISCHARGE PRESSURE:* 9.8 in. H_2O

AIR FLOW : 1400 fpm X 1.4 = 1960 CFM *AIR SPARGER* *LEFT* 5.6 *RIGHT* 2.4 CFM

AIR TEMP: 82.5 °F

EFFLUENT PUMP IN USE: #1 √ #2 *EFFLUENT FEED PUMP PRESSURE:* 4 psi

EFFLUENT FLOW RATE: 86 gpm *EFFLUENT TOTALIZER READING:* 84,724,658 | 388150 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: *INSIDE TEMPERATURE (°F):* 64

IS SUMP PUMP IN USE: YES: √ NO: *ARE ANY LEAKS PRESENT?* YES: NO: √

WATER LEVEL IN SUMP: 6.5 in. *TREATMENT BUILDING CLEAN & ORGANIZED?* YES: √ NO:

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

28-Jan-19

SAMPLES COLLECTED? **YES:** √ **NO:** _____ Samples taken Jan 29

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	2:00 pm	7.4	7.0	10.0	3.59
AIR STRIPPER EFFLUENT:	EFF	2:00 pm	8.8	8.3	11.0	3.59

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? **YES:** _____ **NO:** √

WERE MANHOLES INSPECTED? **YES:** √ **NO:** _____

WERE ELECTRICAL BOXES INSPECTED? **YES:** √ **NO:** _____

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? **YES:** _____ **NO:** √

If yes, provide manhole/electric box ID and description of any corrective measures below:

RW-1 inner ring is corroded. MWs and UEs are covered with ice and snow.

SUBSLAB SYSTEMS

TREATMENT ROOM

MANOMETER: 1.3 **in. WC** west east ***NOTES:*** cfm = 0.05 x fpm (3" PVC)

(Fan Inlet) **FLOW (fpm):** _____ _____

CONDENSATE 2.0 **gallon** **FLOW (cfm):** _____ _____

DRAINED Yes **VACUUM GAUGE (in WC)** _____

OTHER LOCATIONS

586 Building SVE CONDENSATE drained: **NO**____ VOLUME: _____ gallon

INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE

Remarks:

Other Actions: 586 Building is turned OFF due to cold temperatures.

Shoveled snow in front of Treatment Room.

AGWAY

Remarks: Site is empty of materials and has been graded and gravelled.

Other Actions:

Attachment C
Summary of Site Utility Costs and Projections
January to December 2019

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs
NYSDEC Work Assignment #10C3074.0011.11
12 Months of System Operation and Maintenance
January 2019 Report

ATTACHMENT C

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-2019	Feb-2019	Mar-2019	Apr-2019	May-2019	Jun-2019
New York State E&G	1001-0310-422	EN-003229-0001-03TTO	Mr. C's Electric Costs	$ 1,406.49					
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						
			Totals	**$ 1,406.49**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019
Mr. C's Electric Costs						
Mr. C's Natural Gas Costs			$ -			-
Totals	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Electric - Mr. C's	**$**	**1,406.49**	**Notes:**
Natural Gas - Mr. C's	**$**	**-**	Overbilled natural gas costs - no charges
Grand Total - NYSE&G/National Fuel Gas Costs To Date	**$**	**1,406.49**	**Estimated Reading**

Telephone

Utility Provider	Phone #	E&E Cost Center	Location Description	Jan-2019	Feb-2019	Mar-2019	Apr-2019	May-2019	Jun-2019
Granite Telecommunications									
Account # 01890582	866-874-5500	EN-003229-0001-03TTO	Mr. C's Telephone Costs	**Jul-2019**	**Aug-2019**	**Sep-2019**	**Oct-2019**	**Nov-2019**	**Dec-2019**

Verizon Costs to Date - Mr. C's **$ -**

Grand Total All Utilities To Date $ 1,406.49

Monthly Average Costs

Mr. C's Electric	$ 1,406.49
Mr. C's Gas	$ -
Mr. C's Telephone	#DIV/0!
Average Utility Cost Total	**#DIV/0!**
12 Month Estimate	**#DIV/0!**

Budget Remaining:	Electric:	$23,893.51
	Telephone:	$540.00
	Gas	$1,120.00
	Total:	$25,553.51

Attachment D
Influent Concentrations for Pumping Wells (PW)
Groundwater Treatment System
Analytical Report from
Spectrum Analytical Laboratories

Analytical Data Package Work Order ID: SC53010
Sampled by IEG: January 08, 2019
Report Received: January 16, 2019

eurofins | Spectrum Analytical

☑ Final Report
☐ Revised Report

Report Date:
16-Jan-19 14:57

Laboratory Report
SC53010

Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086
Attn: Mary Kate Mooney

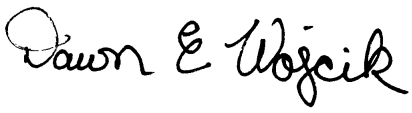
Project: Mr. C's - East Aurora, NY
Project #: [none]

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

Dawn Wojcik
Laboratory Director



Eurofins Spectrum Analytical holds primary NELAC certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 24 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Sample Summary

Work Order: SC53010

Project: Mr. C's - East Aurora, NY

Project Number: [none]

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC53010-01	PW-4	Ground Water	08-Jan-19 11:00	09-Jan-19 11:03
SC53010-02	PW-5	Ground Water	08-Jan-19 11:00	09-Jan-19 11:03
SC53010-03	PW-6	Ground Water	08-Jan-19 11:30	09-Jan-19 11:03
SC53010-04	PW-7	Ground Water	08-Jan-19 11:30	09-Jan-19 11:03
SC53010-05	PW-8	Ground Water	08-Jan-19 12:00	09-Jan-19 11:03

Summary of Hits

Lab ID: SC53010-01 **Client ID:** PW-4

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	79		20	ug/L	SW8260C
Trichloroethene	170		20	ug/L	SW8260C

Lab ID: SC53010-01RE1 **Client ID:** PW-4

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	2200		200	ug/L	SW8260C

Lab ID: SC53010-02 **Client ID:** PW-5

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	19	J	20	ug/L	SW8260C
trans-1,2-Dichloroethene	9.0	J	20	ug/L	SW8260C
Trichloroethene	120		20	ug/L	SW8260C

Lab ID: SC53010-02RE1 **Client ID:** PW-5

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	3300		250	ug/L	SW8260C

Lab ID: SC53010-03 **Client ID:** PW-6

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	89		20	ug/L	SW8260C
Trichloroethene	150		20	ug/L	SW8260C

Lab ID: SC53010-03RE1 **Client ID:** PW-6

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	3100		250	ug/L	SW8260C

Lab ID: SC53010-04 **Client ID:** PW-7

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1-Dichloroethene	6.2	J	20	ug/L	SW8260C
trans-1,2-Dichloroethene	33		20	ug/L	SW8260C
Trichloroethene	500		20	ug/L	SW8260C
Vinyl chloride	390		20	ug/L	SW8260C

Lab ID: SC53010-04RE1 **Client ID:** PW-7

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	4400		200	ug/L	SW8260C
Tetrachloroethene	4200		200	ug/L	SW8260C

Lab ID: SC53010-05 **Client ID:** PW-8

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	120		5.0	ug/L	SW8260C
Trichloroethene	8.5		5.0	ug/L	SW8260C

Lab ID: SC53010-05RE1 **Client ID:** PW-8

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	520		20	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	7.0	J	20	ug/L	SW8260C
Vinyl chloride	71		20	ug/L	SW8260C

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-4 SC53010-01	[none]	Ground Water	08-Jan-19 11:00	09-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 20		ug/L	20	5.0	20	SW8260C	08-Jan-19 11:00	10-Jan-19 20:26	11301	463047A	
79-34-5	1,1,2,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 20		ug/L	20	10	20	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 12		ug/L	12	5.0	20	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
591-78-6	2-Hexanone	< 50		ug/L	50	50	20	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 50		ug/L	50	50	20	"	"	"	"	"	
67-64-1	Acetone	< 50		ug/L	50	50	20	"	"	"	"	"	
71-43-2	Benzene	< 14		ug/L	14	5.0	20	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-25-2	Bromoform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-83-9	Bromomethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 20		ug/L	20	5.0	20	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-90-7	Chlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-00-3	Chloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
67-66-3	Chloroform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-87-3	Chloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	79		ug/L	20	5.0	20	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
110-82-7	Cyclohexane	< 20		ug/L	20	10	20	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-41-4	Ethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 50		ug/L	50	50	20	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-20-9	Methylacetate	< 100		ug/L	100	50	20	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 20		ug/L	20	10	20	"	"	"	"	"	
75-09-2	Methylene chloride	< 60		ug/L	60	20	20	"	"	"	"	"	
100-42-5	Styrene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-88-3	Toluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
1330-20-7	Total Xylenes	< 20		ug/L	20	20	20	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 20		ug/L	20	5.0	20	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-4 SC53010-01	[none]	Ground Water	08-Jan-19 11:00	09-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
10061-02-6	trans-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	SW8260C	08-Jan-19 11:00	10-Jan-19 20:26	11301	463047A	
79-01-6	Trichloroethene	**170**		ug/L	20	5.0	20	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-01-4	Vinyl chloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*109*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*89*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*101*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*96*			*70-130 %*			"	"	"	"	"	
Re-analysis of Subcontracted Analyses Prepared by method SW8260C													
127-18-4	Tetrachloroethene	**2,200**		ug/L	200	50	200	SW8260C	08-Jan-19 11:00	11-Jan-19 11:23	11301	463205A	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*108*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*83*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*107*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*88*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-5	[none]	Ground Water	08-Jan-19 11:00	09-Jan-19
SC53010-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 20		ug/L	20	5.0	20	SW8260C	08-Jan-19 11:00	10-Jan-19 20:52	11301	463047A	
79-34-5	1,1,2,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 20		ug/L	20	10	20	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 12		ug/L	12	5.0	20	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
591-78-6	2-Hexanone	< 50		ug/L	50	50	20	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 50		ug/L	50	50	20	"	"	"	"	"	
67-64-1	Acetone	< 50		ug/L	50	50	20	"	"	"	"	"	
71-43-2	Benzene	< 14		ug/L	14	5.0	20	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-25-2	Bromoform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-83-9	Bromomethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 20		ug/L	20	5.0	20	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-90-7	Chlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-00-3	Chloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
67-66-3	Chloroform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-87-3	Chloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**19**	J	ug/L	20	5.0	20	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
110-82-7	Cyclohexane	< 20		ug/L	20	10	20	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-41-4	Ethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 50		ug/L	50	50	20	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-20-9	Methylacetate	< 100		ug/L	100	50	20	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 20		ug/L	20	10	20	"	"	"	"	"	
75-09-2	Methylene chloride	< 60		ug/L	60	20	20	"	"	"	"	"	
100-42-5	Styrene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-88-3	Toluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
1330-20-7	Total Xylenes	< 20		ug/L	20	20	20	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**9.0**	J	ug/L	20	5.0	20	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-5 SC53010-02	[none]	Ground Water	08-Jan-19 11:00	09-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
10061-02-6	trans-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	SW8260C	08-Jan-19 11:00	10-Jan-19 20:52	11301	463047A	
79-01-6	Trichloroethene	**120**		ug/L	20	5.0	20	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-01-4	Vinyl chloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*106*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*90*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*102*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*96*			*70-130 %*			"	"	"	"	"	
Re-analysis of Subcontracted Analyses Prepared by method SW8260C													
127-18-4	Tetrachloroethene	**3,300**		ug/L	250	63	250	SW8260C	08-Jan-19 11:00	11-Jan-19 11:48	11301	463205A	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*112*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*84*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*109*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*88*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-6	[none]	Ground Water	08-Jan-19 11:30	09-Jan-19
SC53010-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 20		ug/L	20	5.0	20	SW8260C	08-Jan-19 11:30	10-Jan-19 21:17	11301	463047A	
79-34-5	1,1,2,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 20		ug/L	20	10	20	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 12		ug/L	12	5.0	20	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
591-78-6	2-Hexanone	< 50		ug/L	50	50	20	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 50		ug/L	50	50	20	"	"	"	"	"	
67-64-1	Acetone	< 50		ug/L	50	50	20	"	"	"	"	"	
71-43-2	Benzene	< 14		ug/L	14	5.0	20	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-25-2	Bromoform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-83-9	Bromomethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 20		ug/L	20	5.0	20	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-90-7	Chlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-00-3	Chloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
67-66-3	Chloroform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-87-3	Chloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	89		ug/L	20	5.0	20	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
110-82-7	Cyclohexane	< 20		ug/L	20	10	20	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-41-4	Ethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 50		ug/L	50	50	20	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-20-9	Methylacetate	< 100		ug/L	100	50	20	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 20		ug/L	20	10	20	"	"	"	"	"	
75-09-2	Methylene chloride	< 60		ug/L	60	20	20	"	"	"	"	"	
100-42-5	Styrene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-88-3	Toluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
1330-20-7	Total Xylenes	< 20		ug/L	20	20	20	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 20		ug/L	20	5.0	20	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-6 SC53010-03	[none]	Ground Water	08-Jan-19 11:30	09-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
10061-02-6	trans-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	SW8260C	08-Jan-19 11:30	10-Jan-19 21:17	11301	463047A	
79-01-6	Trichloroethene	**150**		ug/L	20	5.0	20	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-01-4	Vinyl chloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*85*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*97*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*99*			*70-130 %*			"	"	"	"	"	
Re-analysis of Subcontracted Analyses Prepared by method SW8260C													
127-18-4	Tetrachloroethene	**3,100**		ug/L	250	63	250	SW8260C	08-Jan-19 11:30	11-Jan-19 12:13	11301	463205A	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*119*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*86*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*120*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*92*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-7 SC53010-04	[none]	Ground Water	08-Jan-19 11:30	09-Jan-19

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
71-55-6	1,1,1-Trichloroethane	< 20		ug/L	20	5.0	20	SW8260C	08-Jan-19 11:30	10-Jan-19 21:42	11301	463047A	
79-34-5	1,1,2,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	6.2	J	ug/L	20	5.0	20	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 20		ug/L	20	10	20	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 12		ug/L	12	5.0	20	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
591-78-6	2-Hexanone	< 50		ug/L	50	50	20	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 50		ug/L	50	50	20	"	"	"	"	"	
67-64-1	Acetone	< 50		ug/L	50	50	20	"	"	"	"	"	
71-43-2	Benzene	< 14		ug/L	14	5.0	20	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-25-2	Bromoform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-83-9	Bromomethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 20		ug/L	20	5.0	20	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-90-7	Chlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-00-3	Chloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
67-66-3	Chloroform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-87-3	Chloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
110-82-7	Cyclohexane	< 20		ug/L	20	10	20	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-41-4	Ethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 50		ug/L	50	50	20	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-20-9	Methylacetate	< 100		ug/L	100	50	20	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 20		ug/L	20	10	20	"	"	"	"	"	
75-09-2	Methylene chloride	< 60		ug/L	60	20	20	"	"	"	"	"	
100-42-5	Styrene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-88-3	Toluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
1330-20-7	Total Xylenes	< 20		ug/L	20	20	20	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	33		ug/L	20	5.0	20	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-7 SC53010-04	[none]	Ground Water	08-Jan-19 11:30	09-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
79-01-6	Trichloroethene	**500**		ug/L	20	5.0	20	SW8260C	08-Jan-19 11:30	10-Jan-19 21:42	11301	463047A	
76-13-1	Trichlorotrifluoroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-01-4	Vinyl chloride	**390**		ug/L	20	5.0	20	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*107*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*86*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*107*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*97*			*70-130 %*			"	"	"	"	"	
Re-analysis of Subcontracted Analyses Prepared by method SW8260C													
156-59-2	cis-1,2-Dichloroethene	**4,400**		ug/L	200	50	200	SW8260C	08-Jan-19 11:30	11-Jan-19 12:38	11301	463205A	
127-18-4	Tetrachloroethene	**4,200**		ug/L	200	50	200	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*113*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*85*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*115*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*86*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-8	[none]	Ground Water	08-Jan-19 12:00	09-Jan-19
SC53010-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	1.3	5	SW8260C	08-Jan-19 12:00	11-Jan-19 10:32	11301	463205A	
79-34-5	1,1,2,2-Tetrachloroethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 5.0		ug/L	5.0	2.5	5	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 3.0		ug/L	3.0	1.3	5	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
591-78-6	2-Hexanone	< 13		ug/L	13	13	5	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 13		ug/L	13	13	5	"	"	"	"	"	
67-64-1	Acetone	< 13		ug/L	13	13	5	"	"	"	"	"	
71-43-2	Benzene	< 3.5		ug/L	3.5	1.3	5	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 2.0		ug/L	2.0	1.3	5	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	2.5	5	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
100-41-4	Ethylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 13		ug/L	13	13	5	"	"	"	"	"	
79-20-9	Methylacetate	< 25		ug/L	25	13	5	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	2.5	5	"	"	"	"	"	
75-09-2	Methylene chloride	< 15		ug/L	15	5.0	5	"	"	"	"	"	
100-42-5	Styrene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
127-18-4	Tetrachloroethene	120		ug/L	5.0	1.3	5	"	"	"	"	"	
108-88-3	Toluene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
1330-20-7	Total Xylenes	< 5.0		ug/L	5.0	5.0	5	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 2.0		ug/L	2.0	1.3	5	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW-8 SC53010-05	[none]	Ground Water	08-Jan-19 12:00	09-Jan-19

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
79-01-6	Trichloroethene	**8.5**		ug/L	5.0	1.3	5	SW8260C	08-Jan-19 12:00	11-Jan-19 10:32	11301	463205A	
76-13-1	Trichlorotrifluoroethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*117*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*87*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*107*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*89*			*70-130 %*			"	"	"	"	"	
Re-analysis of Subcontracted Analyses Prepared by method SW8260C													
156-59-2	cis-1,2-Dichloroethene	**520**		ug/L	20	5.0	20	SW8260C	08-Jan-19 12:00	10-Jan-19 22:07	11301	463047A	
1634-04-4	Methyl t-butyl ether (MTBE)	**7.0**	J	ug/L	20	5.0	20	"	"	"	"	"	
75-01-4	Vinyl chloride	**71**		ug/L	20	5.0	20	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*118*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*87*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*103*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*93*			*70-130 %*			"	"	"	"	"	

S.C. 53010 PW

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: E&E, Inc
368 Pleasantview Dr
Lancaster, NY 14086
Telephone #: (716) 684-8060
Project Mgr: Mary Kate Mooney

Invoice To: E&E, Inc
P.O No.: _____ Quote #: _____

Project No: _____
Site Name: Mr Cs O M & M
Location: East Aurora State: NY
Sampler(s): R. Allen

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs	Check if chlorinated
SC53010-01	PW-4	1/8/2019	11:00 A	G	GW	3				✓	☐
-02	PW-5		11:00 A	G	GW	3				✓	☐
-03	PW-6		11:30 A	G	GW	3				✓	☐
-04	PW-7		11:30 A	G	GW	3				✓	☐
-05	PW-8		12:00 P	G	GW	3				✓	☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below: 2

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☒ No
CT DPH RCP Report? ☐ Yes ☒ No
☒ Standard ☐ No QC ☐ DQA*
☒ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: _____
State-specific reporting standards:

Please send another Sample Kit. (Do not send the smallest coolers)

Relinquished by:	Received by:	Date:	Time:
Richard C Allen JR	Fedex		
Fedex		1/9/19	11:03

Temp °C: Observed 4.7, Correction Factor 0, Corrected 4.7, IR ID # 1

☒ EDD format: PDF
☒ E-mail to: mmooneye@ene.com

Condition upon receipt: Custody Seals: ☑ Present ☑ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen