ecology and environment engineering and geology, p.c.
Environmental Specialists
BUFFALO CORPORATE CENTER
368 Pleasant View Drive
Lancaster, New York 14086
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April 20, 2021

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 # D009807, Site # 915157
March 2021 Operations, Maintenance, and Monitoring Report

Dear Mr. Long:

Ecology and Environment Engineering and Geology, P.C. (E&E) is pleased to provide the March 2021 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 March 2021 reporting period, the treatment system was in operation from March 2, 2021 through March 29, 2021. The March monthly OM&M sampling was performed on March 3, 2021, and the results were received from Eurofins on March 8, 2021 (See Attachment A). A summary of field activities prepared by E&E's subcontractor, IYER Environmental Group, PLLC. (IEG), is provided in Attachment B.

In review of the on-site treatment system operations, monitoring and maintenance from IEG for March 2021, 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 March 2, 2021 through March 29, 2021, had an approximate operational up-time of 100%, and 86,158 gallons of contaminated groundwater were treated during the reporting period. The treated effluent volumes and operational up-time can be seen in Table 1.
- The compliance samples from March 3, 2021 collected from the effluent sampling port met all requirements of the SPDES Equivalency permit. The effluent results are provided in Table 2.
- The analytical summary results of the March 3, 2021 samples revealed the total volatile organic contaminant concentrations of the influent to be 4,542.0 µg/L and the concentration of total volatile organic contaminants in the effluent was 0.0 µg/L. The summary of influent and effluent contaminant concentrations for the March 2021 sampling are presented in Table 3. Figure 1 shows the influent and effluent VOC concentrations during each sampling event in 2018, 2019, 2020, and 2021.

- The Mr. C's treatment system, based on the total flows from the uptime operations, removed 3.27 lbs. of targeted contaminants from the groundwater between March 2, 2021 and March 29, 2021. The cleanup effectiveness for March 2021 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, 2020, and 2021 is shown in Figure 2.

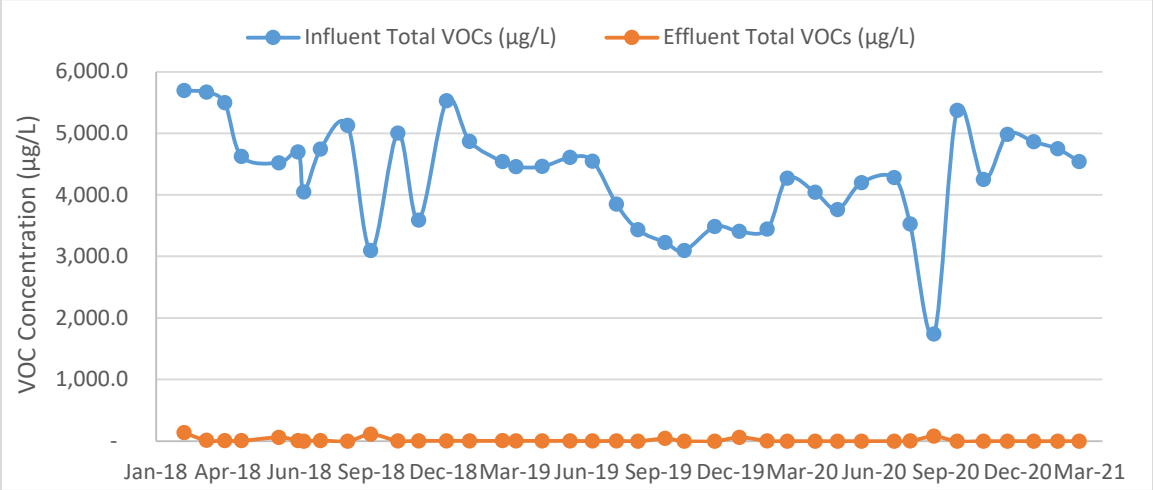

Figure 1: Monthly Influent and Effluent VOC concentrations - 2018 - 2021.

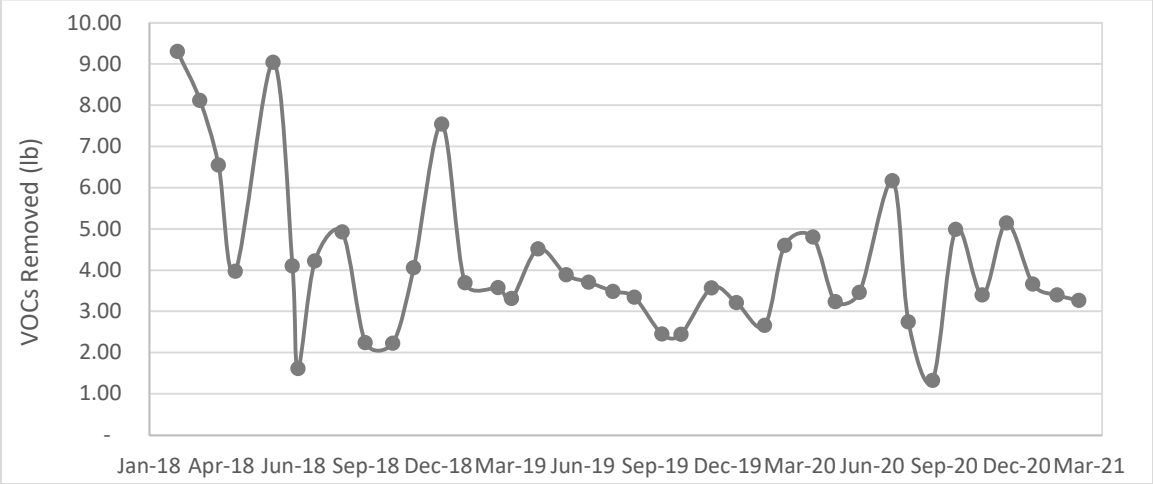

Figure 2: Mass of VOCs removed each month - 2018 - 2021.

Pumping Well Summary:

- Pumping wells PW-4, PW-5, PW-6, PW-7, and PW-8 were sampled on March 17, 2021. Results of the pumping well sampling event are provided in Table 4 and an excerpt from the analytical data package is provided in Attachment A. 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 2021.
- Individual pumping well sampling will continue to be completed on a quarterly basis to monitor VOC concentrations.

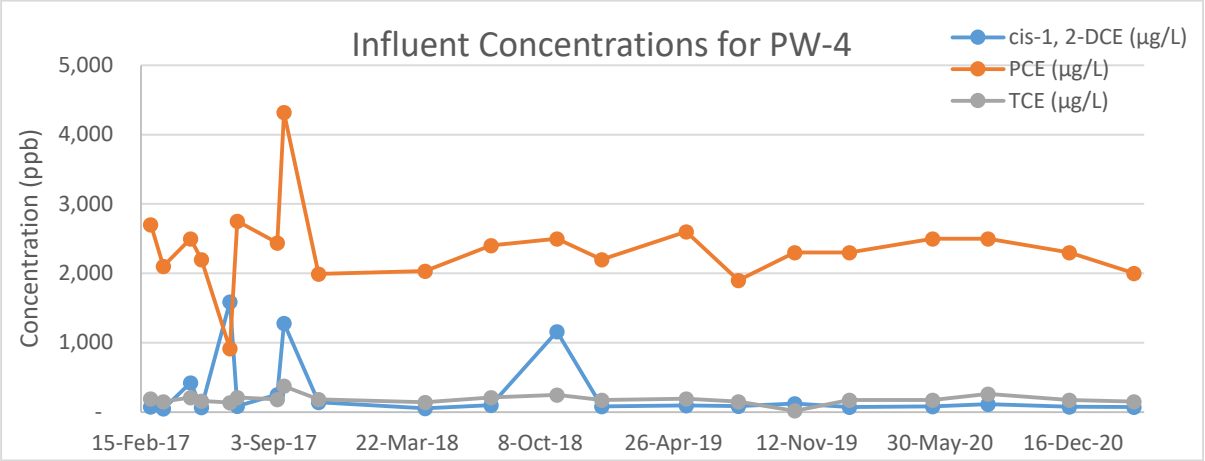

Figure 3: Influent concentrations of cis-1,2-DCE, PCE, and TCE - Pumping Well 4 (PW-4).

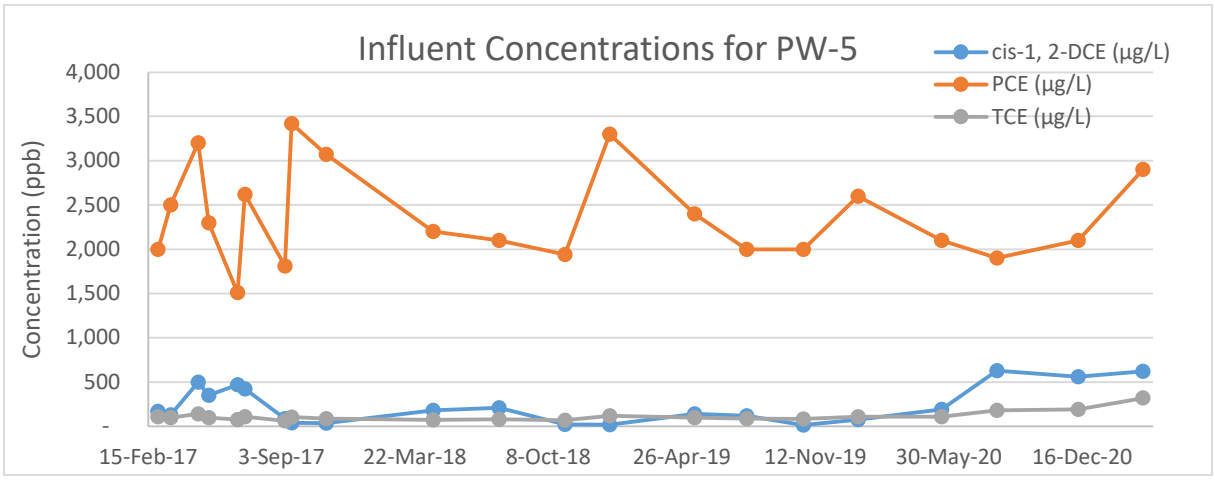

Figure 4: Influent concentrations of cis-1, 2-DCE, PCE, and TCE - Pumping Well 5 (PW-5).

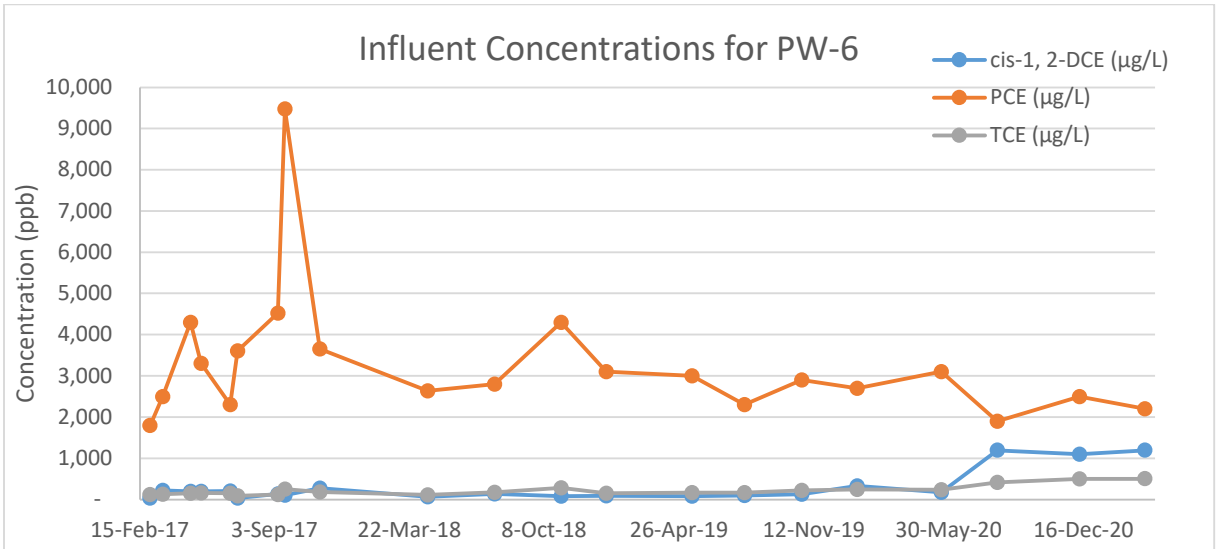

Figure 5: Influent concentrations of cis-1, 2-DCE, PCE, and TCE - Pumping Well 6 (PW-6).

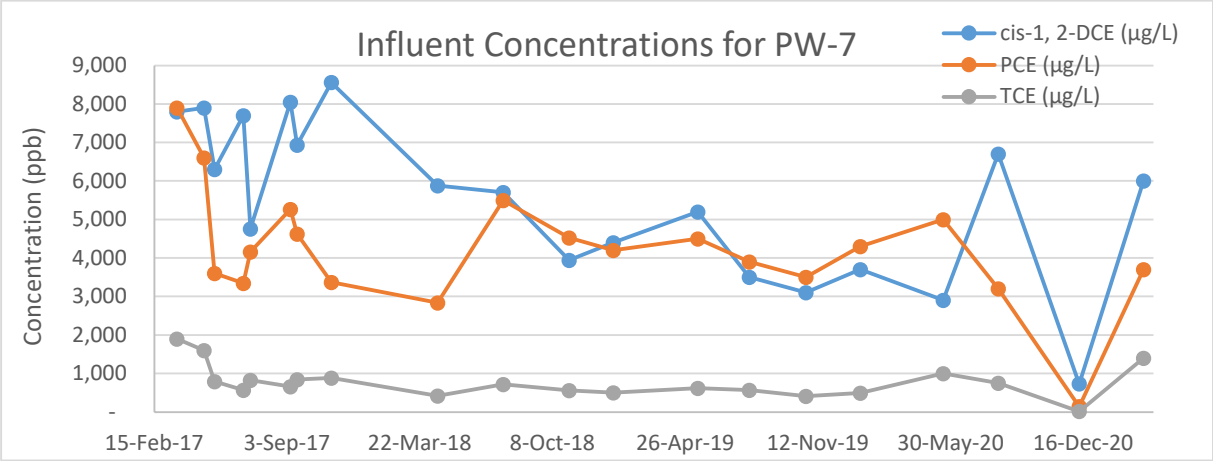

Figure 6: Influent concentrations of cis-1, 2-DCE, PCE, and TCE - Pumping Well 7 (PW-7).

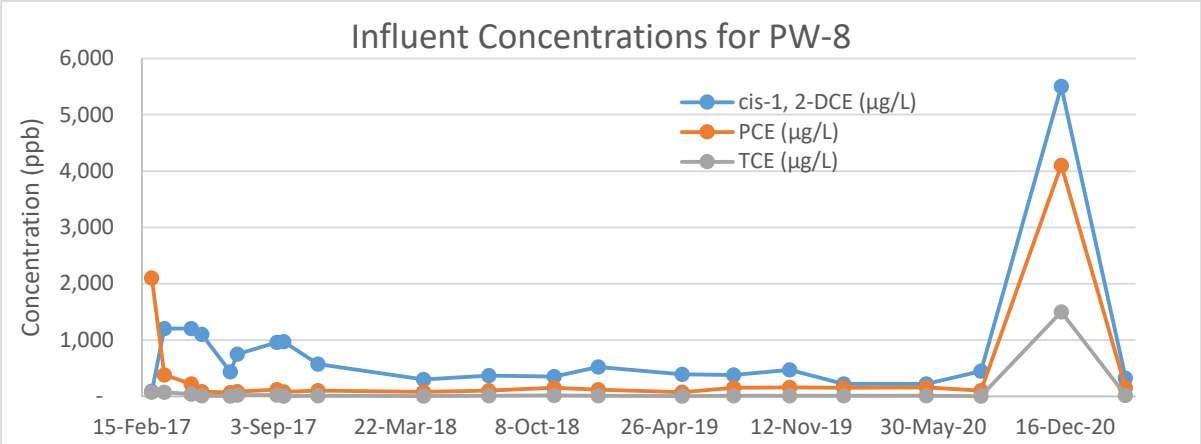

Figure 7: Influent concentrations of cis-1, 2-DCE, PCE, and TCE - Pumping Well 8 (PW-8).

If you have questions regarding the March 2021 OM&M report summary, please do not hesitate to contact me via e-mail at ashlee.smith@wsp.com.

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

Ashlee Smith, P.E.
Project Manager

cc: M. Kuczka, Region 9, NYSDEC – Buffalo 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 (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 01/04/21)		**156,098**	**91.77%**	**135,593,529**	**NA**	**NA**	**1,837.21**
January 05, 2021 to February 01, 2021	January 5, 2021	672	100.00%	90,369	4,860.0	0.00	3.66
February 02, 2021 to March 01, 2021	February 4, 2021	672	100.00%	85,728	4,747.0	0.00	3.40
March 02, 2021 to March 29, 2021	March 3, 2021	672	100.00%	86,158	4,542.0	0.00	3.27
Total in 2021		**2,016**	**100.00%**	**262,255**	**NA**	**NA**	**10.33**
Total from startup		**158,114**	**91.87%**	**135,855,784**	**NA**	**NA**	**1,847.54**

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 and 6/17/2020 to present. GES operated the system from 2/24/20 to 6/17/20.
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:

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

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	March 3, 2021 Effluent Analytical Values Compliance
Flow (Average)[2]	N/A	gpd	3,077
pH	6.0 - 9.0	standard units	8.2
1,1 Dichloroethene	10	µg/L	ND(<4.0)
cis-1,2-dichloroethene	10	µg/L	ND(<4.0)
Trichloroethene	10	µg/L	ND(<4.0)
Tetrachloroethene	10	µg/L	ND(<4.0)
Vinyl Chloride	10	µg/L	ND(<4.0)
Benzene	5	µg/L	ND(<4.0)
Ethylbenzene	5	µg/L	ND(<4.0)
Methylene Chloride	10	µg/L	ND (<4.0)
1,1,1 Trichloroethane	10	µg/L	ND (<4.0)
Toluene	5	µg/L	ND(<4.0)
Methyl-t-Butyl Ether (MTBE)	NA	ug/L	ND(<4.0)
o-Xylene[3]	5	µg/L	ND(<8.0)
m, p-Xylene[3]	10	µg/L	ND(<8.0)
Total Xylenes	NA	ug/L	ND(<8.0)
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	512
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:

   March 2, 2021 through March 29, 2021 = 3,077 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
March 2021 VOC Analytical Summary

Compound	Based on the March 3, 2021 Effluent Analytical Results				
	Influent Concentration (ug/L)		Effluent Concentration (ug/L)		Treatment Efficiency* (%)
Acetone	ND(<400)	U, F1	ND(<40)	U	NA
Benzene	ND(<40)	U	ND(<4.0)	U	NA
2-Butanone	ND(<400)	U	ND(<40)	U	NA
1,1-Dichloroethene	ND (<40)	U	ND(<4.0)	U	NA
cis-1, 2-Dichloroethene	1,700	F1	ND(<4.0)	U	100.00%
Chloroform	ND(<40)	U	ND(<4.0)	U	NA
Chloromethane	ND(<40)	U	ND(<4.0)	U	NA
Methylene chloride	ND(<40)	U	ND (<4.0)	U	NA
Methyl tert-butyl ether (MTBE)	12	J	ND(<4.0)	U	100.00%
Methyl acetate	ND(<100)	U, F1	ND(<10)	U	NA
Tetrachloroethene (PCE)	2,200	F1	ND(<4.0)	U	100.00%
Toluene	ND(<40)	U	ND(<4.0)	U	NA
Trichloroethene (TCE)	510		ND(<4.0)	U	100.00%
Carbon Disulfide	ND(<40)	U	ND(<4.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluororethane	ND(<40)	U	ND(<4.0)	U	NA
2-Hexanone	ND(<200)	U	ND(<20)	U	NA
4-Methyl-2-pentanone	ND(<200)	U	ND(<20)	U	NA
Cyclohexane	ND(<40)	U	ND(<4.0)	U	NA
trans-1,2-dichloroethene	ND(<40)	U	ND(<4.0)	U	NA
Chlorobenzene	ND(<40)	U	ND(<4.0)	U	NA
Methylcyclohexane	ND(<40)	U	ND(<4.0)	U	NA
Ethylbenzene	ND(<40)	U	ND(<4.0)	U	NA
Vinyl Chloride	120		ND(<4.0)	U	100.00%
Total Xylenes	ND(<80)	U	ND(<8.0)	U	NA
TOTAL:	**4,542**		**0.0**		**100.00%**

Notes:

1. The efficiency cleanup values are calculated based on the March 3, 2021 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. "F2" = MS/MSD relative percent difference 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 Equilavency Permit Requirements.

* Contaminants of Concern only

Table 4
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #915157
March 2021 Analytical Summary of Groundwater from Pumping Wells

Compound	Based on the March 17, 2021 Analytical Results									
	Pumping Well PW-04 (ug/L)		Pumping Well PW-05 (ug/L)		Pumping Well PW-06 (ug/L)		Pumping Well PW-07 (ug/L)		Pumping Well PW-08 (ug/L)	
Acetone	ND (<500)	U	ND (<400)	U	ND (<400)	U	ND (<200)	U	ND (<80)	U
Benzene	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
2-Butanone	ND (<500)	U	ND (<400)	U	ND (<400)	U	ND (<200)	U	ND (<80)	U
cis-1, 2-Dichloroethene	70		620		1,200		6,000		320	
Chloroform	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
Chloromethane	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
Methylene chloride	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
Methyl tert-butyl ether (MTBE)	ND (<50)	U	ND (<40)	U	15	J	ND (<20)	U	6.9	J
Methyl acetate	ND (<130)	U	ND (<100)	U	ND (<100)	U	ND (<50)	U	ND (<25)	U
Tetrachloroethene (PCE)	2,000		2,900		2,200		3,700		150	
Toluene	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
Trichloroethene (TCE)	150		320		510		1,400	J	16	
Carbon Disulfide	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
1,1,2 Trichloro-1,2,2-trifluororethane	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
2-Hexanone	ND (<250)	U	ND (<200)	U	ND (<200)	U	ND (<100)	U	ND (<40)	U
4-Methyl-2-pentanone	ND (<250)	U	ND (<200)	U	ND (<200)	U	ND (<100)	U	ND (<40)	U
Cyclohexane	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
trans-1,2-dichloroethene	ND(<50)	U	ND (<40)	U	ND (<40)	U	37		ND (<8.0)	U
Chlorobenzene	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
Methylcyclohexane	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
Ethylbenzene	ND (<50)	U	ND (<40)	U	ND (<40)	U	ND (<20)	U	ND (<8.0)	U
Vinyl Chloride	ND (<50)	U	66		38	J	1,400		26	
Total Xylenes	ND (<100)	U	ND (<80)	U	ND (<80)	U	ND (<40)	U	ND (<16)	U
TOTAL:	**2,220.00**		**3,906.00**		**3,963.00**		**12,537.00**		**518.90**	

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. "F1"=MS and/or MSD recovery exceeds control limits.
7. Detection Limits are listed in parentheses as the upper limit of a non-detect value.

Attachment A
Excerpts from the
Groundwater Treatment System
Analytical Report and Influent Pumping Well Report
from
Eurofins TestAmerica

Analytical Data Package Work Order ID: J181643
Sampled by IEG: March 3, 2021
Report Received: March 8, 2021

Analytical Data Package Work Order ID: J182190
Sampled by IEG: March 17, 2021
Report Received: March 22, 2021

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-181643-1
Client Project/Site: Mr. C's OM&M

For:
Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, New York 14086

Attn: Ashlee Smith

Authorized for release by:
3/8/2021 5:08:31 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

Definitions/Glossary

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's OM&M

Job ID: 480-181643-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
U	Indicates the analyte was analyzed for but not detected.

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Job ID: 480-181643-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-181643-1

Comments
No additional comments.

Receipt
The samples were received on 3/3/2021 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-571319 recovered above the upper control limit for 2-Butanone, Acetone and Carbon disulfide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: INFLUENT (480-181643-1), EFFLUENT (480-181643-2) and DISCHARGE (480-181643-3).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-571319 recovered outside control limits for the following analytes: Acetone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, he data have been reported. The associated samples are: INFLUENT (480-181643-1), EFFLUENT (480-181643-2) and DISCHARGE (480-181643-3).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: EFFLUENT (480-181643-2) and DISCHARGE (480-181643-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: INFLUENT (480-181643-1), (480-181643-B-1 MS) and (480-181643-B-1 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-571319 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or 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: INFLUENT (480-181643-1) and EFFLUENT (480-181643-2).

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

Detection Summary

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's OM&M

Job ID: 480-181643-1

Client Sample ID: INFLUENT — Lab Sample ID: 480-181643-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1700	F1	40	32	ug/L	40		8260C	Total/NA
Methyl tert-butyl ether	12	J	40	6.4	ug/L	40		8260C	Total/NA
Tetrachloroethene	2200	F1	40	14	ug/L	40		8260C	Total/NA
Trichloroethene	510		40	18	ug/L	40		8260C	Total/NA
Vinyl chloride	120		40	36	ug/L	40		8260C	Total/NA
Hardness as calcium carbonate	508		4.0	1.1	mg/L	1		SM 2340C	Total/NA
pH	6.9	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	18.7	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: EFFLUENT — Lab Sample ID: 480-181643-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Hardness as calcium carbonate	512		4.0	1.1	mg/L	1		SM 2340C	Total/NA
pH	8.2	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	18.5	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: DISCHARGE — Lab Sample ID: 480-181643-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's OM&M

Job ID: 480-181643-1

Client Sample ID: INFLUENT
Date Collected: 03/03/21 12:30
Date Received: 03/03/21 15:45

Lab Sample ID: 480-181643-1
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	40	U	40	33	ug/L			03/04/21 18:20	40
1,1,2,2-Tetrachloroethane	40	U	40	8.4	ug/L			03/04/21 18:20	40
1,1,2-Trichloro-1,2,2-trifluoroethane	40	U	40	12	ug/L			03/04/21 18:20	40
1,1,2-Trichloroethane	40	U	40	9.2	ug/L			03/04/21 18:20	40
1,1-Dichloroethane	40	U	40	15	ug/L			03/04/21 18:20	40
1,1-Dichloroethene	40	U	40	12	ug/L			03/04/21 18:20	40
1,2,4-Trichlorobenzene	40	U	40	16	ug/L			03/04/21 18:20	40
1,2-Dibromo-3-Chloropropane	40	U	40	16	ug/L			03/04/21 18:20	40
1,2-Dibromoethane	40	U	40	29	ug/L			03/04/21 18:20	40
1,2-Dichlorobenzene	40	U	40	32	ug/L			03/04/21 18:20	40
1,2-Dichloroethane	40	U	40	8.4	ug/L			03/04/21 18:20	40
1,2-Dichloropropane	40	U	40	29	ug/L			03/04/21 18:20	40
1,3-Dichlorobenzene	40	U	40	31	ug/L			03/04/21 18:20	40
1,4-Dichlorobenzene	40	U	40	34	ug/L			03/04/21 18:20	40
2-Butanone (MEK)	400	U	400	53	ug/L			03/04/21 18:20	40
2-Hexanone	200	U	200	50	ug/L			03/04/21 18:20	40
4-Methyl-2-pentanone (MIBK)	200	U	200	84	ug/L			03/04/21 18:20	40
Acetone	400	U *+ F1	400	120	ug/L			03/04/21 18:20	40
Benzene	40	U	40	16	ug/L			03/04/21 18:20	40
Bromodichloromethane	40	U	40	16	ug/L			03/04/21 18:20	40
Bromoform	40	U	40	10	ug/L			03/04/21 18:20	40
Bromomethane	40	U	40	28	ug/L			03/04/21 18:20	40
Carbon disulfide	40	U	40	7.6	ug/L			03/04/21 18:20	40
Carbon tetrachloride	40	U	40	11	ug/L			03/04/21 18:20	40
Chlorobenzene	40	U	40	30	ug/L			03/04/21 18:20	40
Chloroethane	40	U	40	13	ug/L			03/04/21 18:20	40
Chloroform	40	U	40	14	ug/L			03/04/21 18:20	40
Chloromethane	40	U	40	14	ug/L			03/04/21 18:20	40
cis-1,2-Dichloroethene	**1700**	**F1**	40	32	ug/L			03/04/21 18:20	40
cis-1,3-Dichloropropene	40	U	40	14	ug/L			03/04/21 18:20	40
Cyclohexane	40	U	40	7.2	ug/L			03/04/21 18:20	40
Dibromochloromethane	40	U	40	13	ug/L			03/04/21 18:20	40
Dichlorodifluoromethane	40	U	40	27	ug/L			03/04/21 18:20	40
Ethylbenzene	40	U	40	30	ug/L			03/04/21 18:20	40
Isopropylbenzene	40	U	40	32	ug/L			03/04/21 18:20	40
Methyl acetate	100	U F1	100	52	ug/L			03/04/21 18:20	40
Methyl tert-butyl ether	**12**	**J**	40	6.4	ug/L			03/04/21 18:20	40
Methylcyclohexane	40	U	40	6.4	ug/L			03/04/21 18:20	40
Methylene Chloride	40	U	40	18	ug/L			03/04/21 18:20	40
Styrene	40	U	40	29	ug/L			03/04/21 18:20	40
Tetrachloroethene	**2200**	**F1**	40	14	ug/L			03/04/21 18:20	40
Toluene	40	U	40	20	ug/L			03/04/21 18:20	40
trans-1,2-Dichloroethene	40	U	40	36	ug/L			03/04/21 18:20	40
trans-1,3-Dichloropropene	40	U	40	15	ug/L			03/04/21 18:20	40
Trichloroethene	**510**		40	18	ug/L			03/04/21 18:20	40
Trichlorofluoromethane	40	U	40	35	ug/L			03/04/21 18:20	40
Vinyl chloride	**120**		40	36	ug/L			03/04/21 18:20	40
Xylenes, Total	80	U	80	26	ug/L			03/04/21 18:20	40

Client Sample ID: INFLUENT

Lab Sample ID: 480-181643-1

Date Collected: 03/03/21 12:30

Matrix: Water

Date Received: 03/03/21 15:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*03/04/21 18:20*	*40*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/04/21 18:20*	*40*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*03/04/21 18:20*	*40*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/04/21 18:20*	*40*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	**508**		4.0	1.1	mg/L			03/08/21 15:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**6.9**	**HF**	0.1	0.1	SU			03/04/21 15:48	1
Temperature	**18.7**	**HF**	0.001	0.001	Degrees C			03/04/21 15:48	1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-181643-2

Date Collected: 03/03/21 12:30

Matrix: Water

Date Received: 03/03/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.0	U	4.0	3.3	ug/L			03/04/21 18:43	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.84	ug/L			03/04/21 18:43	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.2	ug/L			03/04/21 18:43	4
1,1,2-Trichloroethane	4.0	U	4.0	0.92	ug/L			03/04/21 18:43	4
1,1-Dichloroethane	4.0	U	4.0	1.5	ug/L			03/04/21 18:43	4
1,1-Dichloroethene	4.0	U	4.0	1.2	ug/L			03/04/21 18:43	4
1,2,4-Trichlorobenzene	4.0	U	4.0	1.6	ug/L			03/04/21 18:43	4
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.6	ug/L			03/04/21 18:43	4
1,2-Dibromoethane	4.0	U	4.0	2.9	ug/L			03/04/21 18:43	4
1,2-Dichlorobenzene	4.0	U	4.0	3.2	ug/L			03/04/21 18:43	4
1,2-Dichloroethane	4.0	U	4.0	0.84	ug/L			03/04/21 18:43	4
1,2-Dichloropropane	4.0	U	4.0	2.9	ug/L			03/04/21 18:43	4
1,3-Dichlorobenzene	4.0	U	4.0	3.1	ug/L			03/04/21 18:43	4
1,4-Dichlorobenzene	4.0	U	4.0	3.4	ug/L			03/04/21 18:43	4
2-Butanone (MEK)	40	U	40	5.3	ug/L			03/04/21 18:43	4
2-Hexanone	20	U	20	5.0	ug/L			03/04/21 18:43	4
4-Methyl-2-pentanone (MIBK)	20	U	20	8.4	ug/L			03/04/21 18:43	4
Acetone	40	U *+	40	12	ug/L			03/04/21 18:43	4
Benzene	4.0	U	4.0	1.6	ug/L			03/04/21 18:43	4
Bromodichloromethane	4.0	U	4.0	1.6	ug/L			03/04/21 18:43	4
Bromoform	4.0	U	4.0	1.0	ug/L			03/04/21 18:43	4
Bromomethane	4.0	U	4.0	2.8	ug/L			03/04/21 18:43	4
Carbon disulfide	4.0	U	4.0	0.76	ug/L			03/04/21 18:43	4
Carbon tetrachloride	4.0	U	4.0	1.1	ug/L			03/04/21 18:43	4
Chlorobenzene	4.0	U	4.0	3.0	ug/L			03/04/21 18:43	4
Chloroethane	4.0	U	4.0	1.3	ug/L			03/04/21 18:43	4
Chloroform	4.0	U	4.0	1.4	ug/L			03/04/21 18:43	4
Chloromethane	4.0	U	4.0	1.4	ug/L			03/04/21 18:43	4
cis-1,2-Dichloroethene	4.0	U	4.0	3.2	ug/L			03/04/21 18:43	4
cis-1,3-Dichloropropene	4.0	U	4.0	1.4	ug/L			03/04/21 18:43	4
Cyclohexane	4.0	U	4.0	0.72	ug/L			03/04/21 18:43	4
Dibromochloromethane	4.0	U	4.0	1.3	ug/L			03/04/21 18:43	4

Client Sample ID: EFFLUENT

Lab Sample ID: 480-181643-2

Date Collected: 03/03/21 12:30

Matrix: Water

Date Received: 03/03/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.0	U	4.0	2.7	ug/L			03/04/21 18:43	4
Ethylbenzene	4.0	U	4.0	3.0	ug/L			03/04/21 18:43	4
Isopropylbenzene	4.0	U	4.0	3.2	ug/L			03/04/21 18:43	4
Methyl acetate	10	U	10	5.2	ug/L			03/04/21 18:43	4
Methyl tert-butyl ether	4.0	U	4.0	0.64	ug/L			03/04/21 18:43	4
Methylcyclohexane	4.0	U	4.0	0.64	ug/L			03/04/21 18:43	4
Methylene Chloride	4.0	U	4.0	1.8	ug/L			03/04/21 18:43	4
Styrene	4.0	U	4.0	2.9	ug/L			03/04/21 18:43	4
Tetrachloroethene	4.0	U	4.0	1.4	ug/L			03/04/21 18:43	4
Toluene	4.0	U	4.0	2.0	ug/L			03/04/21 18:43	4
trans-1,2-Dichloroethene	4.0	U	4.0	3.6	ug/L			03/04/21 18:43	4
trans-1,3-Dichloropropene	4.0	U	4.0	1.5	ug/L			03/04/21 18:43	4
Trichloroethene	4.0	U	4.0	1.8	ug/L			03/04/21 18:43	4
Trichlorofluoromethane	4.0	U	4.0	3.5	ug/L			03/04/21 18:43	4
Vinyl chloride	4.0	U	4.0	3.6	ug/L			03/04/21 18:43	4
Xylenes, Total	8.0	U	8.0	2.6	ug/L			03/04/21 18:43	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*03/04/21 18:43*	*4*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/04/21 18:43*	*4*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/04/21 18:43*	*4*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/04/21 18:43*	*4*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	**512**		4.0	1.1	mg/L			03/08/21 15:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.2**	**HF**	0.1	0.1	SU			03/04/21 15:50	1
Temperature	**18.5**	**HF**	0.001	0.001	Degrees C			03/04/21 15:50	1

Client Sample ID: DISCHARGE

Lab Sample ID: 480-181643-3

Date Collected: 03/03/21 12:30

Matrix: Water

Date Received: 03/03/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.0	U	4.0	3.3	ug/L			03/04/21 19:07	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.84	ug/L			03/04/21 19:07	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.2	ug/L			03/04/21 19:07	4
1,1,2-Trichloroethane	4.0	U	4.0	0.92	ug/L			03/04/21 19:07	4
1,1-Dichloroethane	4.0	U	4.0	1.5	ug/L			03/04/21 19:07	4
1,1-Dichloroethene	4.0	U	4.0	1.2	ug/L			03/04/21 19:07	4
1,2,4-Trichlorobenzene	4.0	U	4.0	1.6	ug/L			03/04/21 19:07	4
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.6	ug/L			03/04/21 19:07	4
1,2-Dibromoethane	4.0	U	4.0	2.9	ug/L			03/04/21 19:07	4
1,2-Dichlorobenzene	4.0	U	4.0	3.2	ug/L			03/04/21 19:07	4
1,2-Dichloroethane	4.0	U	4.0	0.84	ug/L			03/04/21 19:07	4
1,2-Dichloropropane	4.0	U	4.0	2.9	ug/L			03/04/21 19:07	4
1,3-Dichlorobenzene	4.0	U	4.0	3.1	ug/L			03/04/21 19:07	4
1,4-Dichlorobenzene	4.0	U	4.0	3.4	ug/L			03/04/21 19:07	4

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's OM&M

Job ID: 480-181643-1

Client Sample ID: DISCHARGE
Date Collected: 03/03/21 12:30
Date Received: 03/03/21 15:45

Lab Sample ID: 480-181643-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	40	U	40	5.3	ug/L			03/04/21 19:07	4
2-Hexanone	20	U	20	5.0	ug/L			03/04/21 19:07	4
4-Methyl-2-pentanone (MIBK)	20	U	20	8.4	ug/L			03/04/21 19:07	4
Acetone	40	U *+	40	12	ug/L			03/04/21 19:07	4
Benzene	4.0	U	4.0	1.6	ug/L			03/04/21 19:07	4
Bromodichloromethane	4.0	U	4.0	1.6	ug/L			03/04/21 19:07	4
Bromoform	4.0	U	4.0	1.0	ug/L			03/04/21 19:07	4
Bromomethane	4.0	U	4.0	2.8	ug/L			03/04/21 19:07	4
Carbon disulfide	4.0	U	4.0	0.76	ug/L			03/04/21 19:07	4
Carbon tetrachloride	4.0	U	4.0	1.1	ug/L			03/04/21 19:07	4
Chlorobenzene	4.0	U	4.0	3.0	ug/L			03/04/21 19:07	4
Chloroethane	4.0	U	4.0	1.3	ug/L			03/04/21 19:07	4
Chloroform	4.0	U	4.0	1.4	ug/L			03/04/21 19:07	4
Chloromethane	4.0	U	4.0	1.4	ug/L			03/04/21 19:07	4
cis-1,2-Dichloroethene	4.0	U	4.0	3.2	ug/L			03/04/21 19:07	4
cis-1,3-Dichloropropene	4.0	U	4.0	1.4	ug/L			03/04/21 19:07	4
Cyclohexane	4.0	U	4.0	0.72	ug/L			03/04/21 19:07	4
Dibromochloromethane	4.0	U	4.0	1.3	ug/L			03/04/21 19:07	4
Dichlorodifluoromethane	4.0	U	4.0	2.7	ug/L			03/04/21 19:07	4
Ethylbenzene	4.0	U	4.0	3.0	ug/L			03/04/21 19:07	4
Isopropylbenzene	4.0	U	4.0	3.2	ug/L			03/04/21 19:07	4
Methyl acetate	10	U	10	5.2	ug/L			03/04/21 19:07	4
Methyl tert-butyl ether	4.0	U	4.0	0.64	ug/L			03/04/21 19:07	4
Methylcyclohexane	4.0	U	4.0	0.64	ug/L			03/04/21 19:07	4
Methylene Chloride	4.0	U	4.0	1.8	ug/L			03/04/21 19:07	4
Styrene	4.0	U	4.0	2.9	ug/L			03/04/21 19:07	4
Tetrachloroethene	4.0	U	4.0	1.4	ug/L			03/04/21 19:07	4
Toluene	4.0	U	4.0	2.0	ug/L			03/04/21 19:07	4
trans-1,2-Dichloroethene	4.0	U	4.0	3.6	ug/L			03/04/21 19:07	4
trans-1,3-Dichloropropene	4.0	U	4.0	1.5	ug/L			03/04/21 19:07	4
Trichloroethene	4.0	U	4.0	1.8	ug/L			03/04/21 19:07	4
Trichlorofluoromethane	4.0	U	4.0	3.5	ug/L			03/04/21 19:07	4
Vinyl chloride	4.0	U	4.0	3.6	ug/L			03/04/21 19:07	4
Xylenes, Total	8.0	U	8.0	2.6	ug/L			03/04/21 19:07	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*03/04/21 19:07*	*4*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*03/04/21 19:07*	*4*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/04/21 19:07*	*4*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/04/21 19:07*	*4*

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt ______

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client	Ecology & Environment, Inc
Address	368 Pleasantview Dr
City	Lancaster
State	NY
Zip Code	14086
Project Name and Location (State)	MrCs OM&M (NY)
Contract/Purchase Order/Quote No.	
Project Manager	Ashlee Smith
Telephone Number (Area Code)/Fax Number	(716) 684-8060 ext 2710
Site Contact	R. Allen
Lab Contact	John Schove
Carrier/Waybill Number	
Date	3/3/2021
Lab Number	
Chain of Custody Number	264445
Page	1 of 1

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	pH	Hardness	VOCs	Special Instructions/ Conditions of Receipt
INFLUENT	3/3/2021	12:30P		✓			1						✓			
INFLUENT	↓	↓		✓					1					✓		Email:
INFLUENT	↓	↓		✓						3					✓	iyerenv@gmail.com
EFFLUENT	↓	↓		✓			1						✓			
EFFLUENT	↓	↓		✓					1					✓		RKnappert@ene.com
EFFLUENT	↓	↓		✓						3					✓	
DISCHARGE	↓	↓		✓						3					✓	

480-181643 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ______

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Richard C Allen Jr	3/3/2021		1. Received By: [signature]	3/3/21	1545
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 3.2 #1 ICE

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-182190-1
Client Project/Site: Mr. C's Dry Cleaner

For:
Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, New York 14086

Attn: Ashlee Smith

Authorized for release by:
3/22/2021 12:17:51 PM

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

Definitions/Glossary

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Job ID: 480-182190-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-182190-1

Comments
No additional comments.

Receipt
The samples were received on 3/17/2021 3:14 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.7º C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: PW-4 (480-182190-1), PW-5 (480-182190-2), PW-6 (480-182190-3), PW-7 (480-182190-4), PW-8 (480-182190-5), (480-182190-A-1 MS) and (480-182190-A-1 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The initial calibration curve analyzed in batch 480-573099 was outside method criteria for the following analyte: Bromoform. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte is considered an estimated concentration.

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

Detection Summary

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Client Sample ID: PW-4 — Lab Sample ID: 480-182190-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	70		50	41	ug/L	50		8260C	Total/NA
Tetrachloroethene	2000		50	18	ug/L	50		8260C	Total/NA
Trichloroethene	150		50	23	ug/L	50		8260C	Total/NA

Client Sample ID: PW-5 — Lab Sample ID: 480-182190-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	620		40	32	ug/L	40		8260C	Total/NA
Tetrachloroethene	2900		40	14	ug/L	40		8260C	Total/NA
Trichloroethene	320		40	18	ug/L	40		8260C	Total/NA
Vinyl chloride	66		40	36	ug/L	40		8260C	Total/NA

Client Sample ID: PW-6 — Lab Sample ID: 480-182190-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1200		40	32	ug/L	40		8260C	Total/NA
Methyl tert-butyl ether	15	J	40	6.4	ug/L	40		8260C	Total/NA
Tetrachloroethene	2200		40	14	ug/L	40		8260C	Total/NA
Trichloroethene	510		40	18	ug/L	40		8260C	Total/NA
Vinyl chloride	38	J	40	36	ug/L	40		8260C	Total/NA

Client Sample ID: PW-7 — Lab Sample ID: 480-182190-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	11	J	20	5.8	ug/L	20		8260C	Total/NA
trans-1,2-Dichloroethene	37		20	18	ug/L	20		8260C	Total/NA
Trichloroethene	1400		20	9.2	ug/L	20		8260C	Total/NA
Vinyl chloride	1400		20	18	ug/L	20		8260C	Total/NA
cis-1,2-Dichloroethene - DL	6000		100	81	ug/L	100		8260C	Total/NA
Tetrachloroethene - DL	3700		100	36	ug/L	100		8260C	Total/NA

Client Sample ID: PW-8 — Lab Sample ID: 480-182190-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	320		8.0	6.5	ug/L	8		8260C	Total/NA
Methyl tert-butyl ether	6.9	J	8.0	1.3	ug/L	8		8260C	Total/NA
Tetrachloroethene	150		8.0	2.9	ug/L	8		8260C	Total/NA
Trichloroethene	16		8.0	3.7	ug/L	8		8260C	Total/NA
Vinyl chloride	26		8.0	7.2	ug/L	8		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Client Sample ID: PW-4
Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-1
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	50	U F1	50	41	ug/L			03/18/21 18:45	50
1,1,2,2-Tetrachloroethane	50	U	50	11	ug/L			03/18/21 18:45	50
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	50	16	ug/L			03/18/21 18:45	50
1,1,2-Trichloroethane	50	U	50	12	ug/L			03/18/21 18:45	50
1,1-Dichloroethane	50	U	50	19	ug/L			03/18/21 18:45	50
1,1-Dichloroethene	50	U	50	15	ug/L			03/18/21 18:45	50
1,2,4-Trichlorobenzene	50	U	50	21	ug/L			03/18/21 18:45	50
1,2-Dibromo-3-Chloropropane	50	U	50	20	ug/L			03/18/21 18:45	50
1,2-Dibromoethane	50	U	50	37	ug/L			03/18/21 18:45	50
1,2-Dichlorobenzene	50	U	50	40	ug/L			03/18/21 18:45	50
1,2-Dichloroethane	50	U	50	11	ug/L			03/18/21 18:45	50
1,2-Dichloropropane	50	U	50	36	ug/L			03/18/21 18:45	50
1,3-Dichlorobenzene	50	U	50	39	ug/L			03/18/21 18:45	50
1,4-Dichlorobenzene	50	U	50	42	ug/L			03/18/21 18:45	50
2-Butanone (MEK)	500	U	500	66	ug/L			03/18/21 18:45	50
2-Hexanone	250	U	250	62	ug/L			03/18/21 18:45	50
4-Methyl-2-pentanone (MIBK)	250	U	250	110	ug/L			03/18/21 18:45	50
Acetone	500	U	500	150	ug/L			03/18/21 18:45	50
Benzene	50	U	50	21	ug/L			03/18/21 18:45	50
Bromodichloromethane	50	U	50	20	ug/L			03/18/21 18:45	50
Bromoform	50	U	50	13	ug/L			03/18/21 18:45	50
Bromomethane	50	U	50	35	ug/L			03/18/21 18:45	50
Carbon disulfide	50	U	50	9.5	ug/L			03/18/21 18:45	50
Carbon tetrachloride	50	U	50	14	ug/L			03/18/21 18:45	50
Chlorobenzene	50	U	50	38	ug/L			03/18/21 18:45	50
Chloroethane	50	U	50	16	ug/L			03/18/21 18:45	50
Chloroform	50	U	50	17	ug/L			03/18/21 18:45	50
Chloromethane	50	U	50	18	ug/L			03/18/21 18:45	50
cis-1,2-Dichloroethene	**70**		50	41	ug/L			03/18/21 18:45	50
cis-1,3-Dichloropropene	50	U	50	18	ug/L			03/18/21 18:45	50
Cyclohexane	50	U	50	9.0	ug/L			03/18/21 18:45	50
Dibromochloromethane	50	U	50	16	ug/L			03/18/21 18:45	50
Dichlorodifluoromethane	50	U	50	34	ug/L			03/18/21 18:45	50
Ethylbenzene	50	U	50	37	ug/L			03/18/21 18:45	50
Isopropylbenzene	50	U	50	40	ug/L			03/18/21 18:45	50
Methyl acetate	130	U	130	65	ug/L			03/18/21 18:45	50
Methyl tert-butyl ether	50	U	50	8.0	ug/L			03/18/21 18:45	50
Methylcyclohexane	50	U	50	8.0	ug/L			03/18/21 18:45	50
Methylene Chloride	50	U	50	22	ug/L			03/18/21 18:45	50
Styrene	50	U	50	37	ug/L			03/18/21 18:45	50
Tetrachloroethene	**2000**		50	18	ug/L			03/18/21 18:45	50
Toluene	50	U	50	26	ug/L			03/18/21 18:45	50
trans-1,2-Dichloroethene	50	U	50	45	ug/L			03/18/21 18:45	50
trans-1,3-Dichloropropene	50	U	50	19	ug/L			03/18/21 18:45	50
Trichloroethene	**150**		50	23	ug/L			03/18/21 18:45	50
Trichlorofluoromethane	50	U	50	44	ug/L			03/18/21 18:45	50
Vinyl chloride	50	U	50	45	ug/L			03/18/21 18:45	50
Xylenes, Total	100	U	100	33	ug/L			03/18/21 18:45	50

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Client Sample ID: PW-4
Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		03/18/21 18:45	50
4-Bromofluorobenzene (Surr)	106		73 - 120		03/18/21 18:45	50
Dibromofluoromethane (Surr)	112		75 - 123		03/18/21 18:45	50
Toluene-d8 (Surr)	96		80 - 120		03/18/21 18:45	50

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Client Sample ID: PW-5
Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-2
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	40	U	40	33	ug/L			03/18/21 19:09	40
1,1,2,2-Tetrachloroethane	40	U	40	8.4	ug/L			03/18/21 19:09	40
1,1,2-Trichloro-1,2,2-trifluoroethane	40	U	40	12	ug/L			03/18/21 19:09	40
1,1,2-Trichloroethane	40	U	40	9.2	ug/L			03/18/21 19:09	40
1,1-Dichloroethane	40	U	40	15	ug/L			03/18/21 19:09	40
1,1-Dichloroethene	40	U	40	12	ug/L			03/18/21 19:09	40
1,2,4-Trichlorobenzene	40	U	40	16	ug/L			03/18/21 19:09	40
1,2-Dibromo-3-Chloropropane	40	U	40	16	ug/L			03/18/21 19:09	40
1,2-Dibromoethane	40	U	40	29	ug/L			03/18/21 19:09	40
1,2-Dichlorobenzene	40	U	40	32	ug/L			03/18/21 19:09	40
1,2-Dichloroethane	40	U	40	8.4	ug/L			03/18/21 19:09	40
1,2-Dichloropropane	40	U	40	29	ug/L			03/18/21 19:09	40
1,3-Dichlorobenzene	40	U	40	31	ug/L			03/18/21 19:09	40
1,4-Dichlorobenzene	40	U	40	34	ug/L			03/18/21 19:09	40
2-Butanone (MEK)	400	U	400	53	ug/L			03/18/21 19:09	40
2-Hexanone	200	U	200	50	ug/L			03/18/21 19:09	40
4-Methyl-2-pentanone (MIBK)	200	U	200	84	ug/L			03/18/21 19:09	40
Acetone	400	U	400	120	ug/L			03/18/21 19:09	40
Benzene	40	U	40	16	ug/L			03/18/21 19:09	40
Bromodichloromethane	40	U	40	16	ug/L			03/18/21 19:09	40
Bromoform	40	U	40	10	ug/L			03/18/21 19:09	40
Bromomethane	40	U	40	28	ug/L			03/18/21 19:09	40
Carbon disulfide	40	U	40	7.6	ug/L			03/18/21 19:09	40
Carbon tetrachloride	40	U	40	11	ug/L			03/18/21 19:09	40
Chlorobenzene	40	U	40	30	ug/L			03/18/21 19:09	40
Chloroethane	40	U	40	13	ug/L			03/18/21 19:09	40
Chloroform	40	U	40	14	ug/L			03/18/21 19:09	40
Chloromethane	40	U	40	14	ug/L			03/18/21 19:09	40
cis-1,2-Dichloroethene	**620**		40	32	ug/L			03/18/21 19:09	40
cis-1,3-Dichloropropene	40	U	40	14	ug/L			03/18/21 19:09	40
Cyclohexane	40	U	40	7.2	ug/L			03/18/21 19:09	40
Dibromochloromethane	40	U	40	13	ug/L			03/18/21 19:09	40
Dichlorodifluoromethane	40	U	40	27	ug/L			03/18/21 19:09	40
Ethylbenzene	40	U	40	30	ug/L			03/18/21 19:09	40
Isopropylbenzene	40	U	40	32	ug/L			03/18/21 19:09	40
Methyl acetate	100	U	100	52	ug/L			03/18/21 19:09	40
Methyl tert-butyl ether	40	U	40	6.4	ug/L			03/18/21 19:09	40
Methylcyclohexane	40	U	40	6.4	ug/L			03/18/21 19:09	40
Methylene Chloride	40	U	40	18	ug/L			03/18/21 19:09	40
Styrene	40	U	40	29	ug/L			03/18/21 19:09	40
Tetrachloroethene	**2900**		40	14	ug/L			03/18/21 19:09	40
Toluene	40	U	40	20	ug/L			03/18/21 19:09	40
trans-1,2-Dichloroethene	40	U	40	36	ug/L			03/18/21 19:09	40
trans-1,3-Dichloropropene	40	U	40	15	ug/L			03/18/21 19:09	40
Trichloroethene	**320**		40	18	ug/L			03/18/21 19:09	40
Trichlorofluoromethane	40	U	40	35	ug/L			03/18/21 19:09	40
Vinyl chloride	**66**		40	36	ug/L			03/18/21 19:09	40
Xylenes, Total	80	U	80	26	ug/L			03/18/21 19:09	40

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Client Sample ID: PW-5
Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		03/18/21 19:09	40
4-Bromofluorobenzene (Surr)	92		73 - 120		03/18/21 19:09	40
Dibromofluoromethane (Surr)	111		75 - 123		03/18/21 19:09	40
Toluene-d8 (Surr)	89		80 - 120		03/18/21 19:09	40

Client Sample ID: PW-6

Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-3

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	40	U	40	33	ug/L			03/18/21 19:35	40
1,1,2,2-Tetrachloroethane	40	U	40	8.4	ug/L			03/18/21 19:35	40
1,1,2-Trichloro-1,2,2-trifluoroethane	40	U	40	12	ug/L			03/18/21 19:35	40
1,1,2-Trichloroethane	40	U	40	9.2	ug/L			03/18/21 19:35	40
1,1-Dichloroethane	40	U	40	15	ug/L			03/18/21 19:35	40
1,1-Dichloroethene	40	U	40	12	ug/L			03/18/21 19:35	40
1,2,4-Trichlorobenzene	40	U	40	16	ug/L			03/18/21 19:35	40
1,2-Dibromo-3-Chloropropane	40	U	40	16	ug/L			03/18/21 19:35	40
1,2-Dibromoethane	40	U	40	29	ug/L			03/18/21 19:35	40
1,2-Dichlorobenzene	40	U	40	32	ug/L			03/18/21 19:35	40
1,2-Dichloroethane	40	U	40	8.4	ug/L			03/18/21 19:35	40
1,2-Dichloropropane	40	U	40	29	ug/L			03/18/21 19:35	40
1,3-Dichlorobenzene	40	U	40	31	ug/L			03/18/21 19:35	40
1,4-Dichlorobenzene	40	U	40	34	ug/L			03/18/21 19:35	40
2-Butanone (MEK)	400	U	400	53	ug/L			03/18/21 19:35	40
2-Hexanone	200	U	200	50	ug/L			03/18/21 19:35	40
4-Methyl-2-pentanone (MIBK)	200	U	200	84	ug/L			03/18/21 19:35	40
Acetone	400	U	400	120	ug/L			03/18/21 19:35	40
Benzene	40	U	40	16	ug/L			03/18/21 19:35	40
Bromodichloromethane	40	U	40	16	ug/L			03/18/21 19:35	40
Bromoform	40	U	40	10	ug/L			03/18/21 19:35	40
Bromomethane	40	U	40	28	ug/L			03/18/21 19:35	40
Carbon disulfide	40	U	40	7.6	ug/L			03/18/21 19:35	40
Carbon tetrachloride	40	U	40	11	ug/L			03/18/21 19:35	40
Chlorobenzene	40	U	40	30	ug/L			03/18/21 19:35	40
Chloroethane	40	U	40	13	ug/L			03/18/21 19:35	40
Chloroform	40	U	40	14	ug/L			03/18/21 19:35	40
Chloromethane	40	U	40	14	ug/L			03/18/21 19:35	40
cis-1,2-Dichloroethene	**1200**		40	32	ug/L			03/18/21 19:35	40
cis-1,3-Dichloropropene	40	U	40	14	ug/L			03/18/21 19:35	40
Cyclohexane	40	U	40	7.2	ug/L			03/18/21 19:35	40
Dibromochloromethane	40	U	40	13	ug/L			03/18/21 19:35	40
Dichlorodifluoromethane	40	U	40	27	ug/L			03/18/21 19:35	40
Ethylbenzene	40	U	40	30	ug/L			03/18/21 19:35	40
Isopropylbenzene	40	U	40	32	ug/L			03/18/21 19:35	40
Methyl acetate	100	U	100	52	ug/L			03/18/21 19:35	40
Methyl tert-butyl ether	**15**	**J**	40	6.4	ug/L			03/18/21 19:35	40
Methylcyclohexane	40	U	40	6.4	ug/L			03/18/21 19:35	40
Methylene Chloride	40	U	40	18	ug/L			03/18/21 19:35	40
Styrene	40	U	40	29	ug/L			03/18/21 19:35	40
Tetrachloroethene	**2200**		40	14	ug/L			03/18/21 19:35	40
Toluene	40	U	40	20	ug/L			03/18/21 19:35	40
trans-1,2-Dichloroethene	40	U	40	36	ug/L			03/18/21 19:35	40
trans-1,3-Dichloropropene	40	U	40	15	ug/L			03/18/21 19:35	40
Trichloroethene	**510**		40	18	ug/L			03/18/21 19:35	40
Trichlorofluoromethane	40	U	40	35	ug/L			03/18/21 19:35	40
Vinyl chloride	**38**	**J**	40	36	ug/L			03/18/21 19:35	40
Xylenes, Total	80	U	80	26	ug/L			03/18/21 19:35	40

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Client Sample ID: PW-6
Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		03/18/21 19:35	40
4-Bromofluorobenzene (Surr)	102		73 - 120		03/18/21 19:35	40
Dibromofluoromethane (Surr)	112		75 - 123		03/18/21 19:35	40
Toluene-d8 (Surr)	95		80 - 120		03/18/21 19:35	40

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Client Sample ID: PW-7

Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-4

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	20	U	20	16	ug/L			03/18/21 19:59	20
1,1,2,2-Tetrachloroethane	20	U	20	4.2	ug/L			03/18/21 19:59	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	6.2	ug/L			03/18/21 19:59	20
1,1,2-Trichloroethane	20	U	20	4.6	ug/L			03/18/21 19:59	20
1,1-Dichloroethane	20	U	20	7.6	ug/L			03/18/21 19:59	20
1,1-Dichloroethene	**11**	**J**	20	5.8	ug/L			03/18/21 19:59	20
1,2,4-Trichlorobenzene	20	U	20	8.2	ug/L			03/18/21 19:59	20
1,2-Dibromo-3-Chloropropane	20	U	20	7.8	ug/L			03/18/21 19:59	20
1,2-Dibromoethane	20	U	20	15	ug/L			03/18/21 19:59	20
1,2-Dichlorobenzene	20	U	20	16	ug/L			03/18/21 19:59	20
1,2-Dichloroethane	20	U	20	4.2	ug/L			03/18/21 19:59	20
1,2-Dichloropropane	20	U	20	14	ug/L			03/18/21 19:59	20
1,3-Dichlorobenzene	20	U	20	16	ug/L			03/18/21 19:59	20
1,4-Dichlorobenzene	20	U	20	17	ug/L			03/18/21 19:59	20
2-Butanone (MEK)	200	U	200	26	ug/L			03/18/21 19:59	20
2-Hexanone	100	U	100	25	ug/L			03/18/21 19:59	20
4-Methyl-2-pentanone (MIBK)	100	U	100	42	ug/L			03/18/21 19:59	20
Acetone	200	U	200	60	ug/L			03/18/21 19:59	20
Benzene	20	U	20	8.2	ug/L			03/18/21 19:59	20
Bromodichloromethane	20	U	20	7.8	ug/L			03/18/21 19:59	20
Bromoform	20	U	20	5.2	ug/L			03/18/21 19:59	20
Bromomethane	20	U	20	14	ug/L			03/18/21 19:59	20
Carbon disulfide	20	U	20	3.8	ug/L			03/18/21 19:59	20
Carbon tetrachloride	20	U	20	5.4	ug/L			03/18/21 19:59	20
Chlorobenzene	20	U	20	15	ug/L			03/18/21 19:59	20
Chloroethane	20	U	20	6.4	ug/L			03/18/21 19:59	20
Chloroform	20	U	20	6.8	ug/L			03/18/21 19:59	20
Chloromethane	20	U	20	7.0	ug/L			03/18/21 19:59	20
cis-1,3-Dichloropropene	20	U	20	7.2	ug/L			03/18/21 19:59	20
Cyclohexane	20	U	20	3.6	ug/L			03/18/21 19:59	20
Dibromochloromethane	20	U	20	6.4	ug/L			03/18/21 19:59	20
Dichlorodifluoromethane	20	U	20	14	ug/L			03/18/21 19:59	20
Ethylbenzene	20	U	20	15	ug/L			03/18/21 19:59	20
Isopropylbenzene	20	U	20	16	ug/L			03/18/21 19:59	20
Methyl acetate	50	U	50	26	ug/L			03/18/21 19:59	20
Methyl tert-butyl ether	20	U	20	3.2	ug/L			03/18/21 19:59	20
Methylcyclohexane	20	U	20	3.2	ug/L			03/18/21 19:59	20
Methylene Chloride	20	U	20	8.8	ug/L			03/18/21 19:59	20
Styrene	20	U	20	15	ug/L			03/18/21 19:59	20
Toluene	20	U	20	10	ug/L			03/18/21 19:59	20
trans-1,2-Dichloroethene	**37**		20	18	ug/L			03/18/21 19:59	20
trans-1,3-Dichloropropene	20	U	20	7.4	ug/L			03/18/21 19:59	20
Trichloroethene	**1400**		20	9.2	ug/L			03/18/21 19:59	20
Trichlorofluoromethane	20	U	20	18	ug/L			03/18/21 19:59	20
Vinyl chloride	**1400**		20	18	ug/L			03/18/21 19:59	20
Xylenes, Total	40	U	40	13	ug/L			03/18/21 19:59	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*03/18/21 19:59*	*20*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*03/18/21 19:59*	*20*

Client Sample ID: PW-7

Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-4

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*75 - 123*		*03/18/21 19:59*	*20*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/18/21 19:59*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**6000**		100	81	ug/L			03/19/21 16:24	100
Tetrachloroethene	**3700**		100	36	ug/L			03/19/21 16:24	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*03/19/21 16:24*	*100*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/19/21 16:24*	*100*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*03/19/21 16:24*	*100*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/19/21 16:24*	*100*

Client Sample ID: PW-8
Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-5
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	8.0	U	8.0	6.6	ug/L			03/19/21 16:49	8
1,1,2,2-Tetrachloroethane	8.0	U	8.0	1.7	ug/L			03/19/21 16:49	8
1,1,2-Trichloro-1,2,2-trifluoroethane	8.0	U	8.0	2.5	ug/L			03/19/21 16:49	8
1,1,2-Trichloroethane	8.0	U	8.0	1.8	ug/L			03/19/21 16:49	8
1,1-Dichloroethane	8.0	U	8.0	3.0	ug/L			03/19/21 16:49	8
1,1-Dichloroethene	8.0	U	8.0	2.3	ug/L			03/19/21 16:49	8
1,2,4-Trichlorobenzene	8.0	U	8.0	3.3	ug/L			03/19/21 16:49	8
1,2-Dibromo-3-Chloropropane	8.0	U	8.0	3.1	ug/L			03/19/21 16:49	8
1,2-Dibromoethane	8.0	U	8.0	5.8	ug/L			03/19/21 16:49	8
1,2-Dichlorobenzene	8.0	U	8.0	6.3	ug/L			03/19/21 16:49	8
1,2-Dichloroethane	8.0	U	8.0	1.7	ug/L			03/19/21 16:49	8
1,2-Dichloropropane	8.0	U	8.0	5.8	ug/L			03/19/21 16:49	8
1,3-Dichlorobenzene	8.0	U	8.0	6.2	ug/L			03/19/21 16:49	8
1,4-Dichlorobenzene	8.0	U	8.0	6.7	ug/L			03/19/21 16:49	8
2-Butanone (MEK)	80	U	80	11	ug/L			03/19/21 16:49	8
2-Hexanone	40	U	40	9.9	ug/L			03/19/21 16:49	8
4-Methyl-2-pentanone (MIBK)	40	U	40	17	ug/L			03/19/21 16:49	8
Acetone	80	U	80	24	ug/L			03/19/21 16:49	8
Benzene	8.0	U	8.0	3.3	ug/L			03/19/21 16:49	8
Bromodichloromethane	8.0	U	8.0	3.1	ug/L			03/19/21 16:49	8
Bromoform	8.0	U	8.0	2.1	ug/L			03/19/21 16:49	8
Bromomethane	8.0	U	8.0	5.5	ug/L			03/19/21 16:49	8
Carbon disulfide	8.0	U	8.0	1.5	ug/L			03/19/21 16:49	8
Carbon tetrachloride	8.0	U	8.0	2.2	ug/L			03/19/21 16:49	8
Chlorobenzene	8.0	U	8.0	6.0	ug/L			03/19/21 16:49	8
Chloroethane	8.0	U	8.0	2.6	ug/L			03/19/21 16:49	8
Chloroform	8.0	U	8.0	2.7	ug/L			03/19/21 16:49	8
Chloromethane	8.0	U	8.0	2.8	ug/L			03/19/21 16:49	8
cis-1,2-Dichloroethene	**320**		8.0	6.5	ug/L			03/19/21 16:49	8
cis-1,3-Dichloropropene	8.0	U	8.0	2.9	ug/L			03/19/21 16:49	8
Cyclohexane	8.0	U	8.0	1.4	ug/L			03/19/21 16:49	8
Dibromochloromethane	8.0	U	8.0	2.6	ug/L			03/19/21 16:49	8
Dichlorodifluoromethane	8.0	U	8.0	5.4	ug/L			03/19/21 16:49	8
Ethylbenzene	8.0	U	8.0	5.9	ug/L			03/19/21 16:49	8
Isopropylbenzene	8.0	U	8.0	6.3	ug/L			03/19/21 16:49	8
Methyl acetate	20	U	20	10	ug/L			03/19/21 16:49	8
Methyl tert-butyl ether	**6.9**	**J**	8.0	1.3	ug/L			03/19/21 16:49	8
Methylcyclohexane	8.0	U	8.0	1.3	ug/L			03/19/21 16:49	8
Methylene Chloride	8.0	U	8.0	3.5	ug/L			03/19/21 16:49	8
Styrene	8.0	U	8.0	5.8	ug/L			03/19/21 16:49	8
Tetrachloroethene	**150**		8.0	2.9	ug/L			03/19/21 16:49	8
Toluene	8.0	U	8.0	4.1	ug/L			03/19/21 16:49	8
trans-1,2-Dichloroethene	8.0	U	8.0	7.2	ug/L			03/19/21 16:49	8
trans-1,3-Dichloropropene	8.0	U	8.0	3.0	ug/L			03/19/21 16:49	8
Trichloroethene	**16**		8.0	3.7	ug/L			03/19/21 16:49	8
Trichlorofluoromethane	8.0	U	8.0	7.0	ug/L			03/19/21 16:49	8
Vinyl chloride	**26**		8.0	7.2	ug/L			03/19/21 16:49	8
Xylenes, Total	16	U	16	5.3	ug/L			03/19/21 16:49	8

Client: Ecology and Environment, Inc.
Project/Site: Mr. C's Dry Cleaner

Job ID: 480-182190-1

Client Sample ID: PW-8
Date Collected: 03/17/21 00:00
Date Received: 03/17/21 15:14

Lab Sample ID: 480-182190-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		03/19/21 16:49	8
4-Bromofluorobenzene (Surr)	105		73 - 120		03/19/21 16:49	8
Dibromofluoromethane (Surr)	109		75 - 123		03/19/21 16:49	8
Toluene-d8 (Surr)	94		80 - 120		03/19/21 16:49	8

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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: Ecology & Environment, Inc
368 Pleasantview Dr
Lancaster NY 14086

Telephone #: (716) 684-8060 ext 2710
Project Mgr: Ashlee Smith

Invoice To: Ecology & Environment, Inc

P.O No.: _____ Quote #: _____

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

F=Field Filtered 1=Na_2S2O_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=_____

List Preservative Code below: 2

QA/Q
* additi

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs	Unpreserved
	PW-4	3/17/21		G	GW	3				✓	☐
	PW-5			G	GW	3				✓	☐
	PW-6			G	GW	3				✓	☐
	PW-7			G	GW	3				✓	☐
	PW-8			G	GW	3				✓	☐
											☐
											☐
											☐
											☐
											☐
											☐

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:

480-182190 Chain of Custody

Relinquished by:	Received by:	Date:	Time:
Richard C Allen Jr	WTotal.	03/17/21	3:14 pm
	Temp 2.7#1 ICE		

Temp °C: Observed / Correction Factor / Corrected / IR ID #

☒ EDD format: PDF
☒ E-mail to: iyerenv@gmail.com
RKnappert@ene.com

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

Sample shipping address: 11 Almgren Drive · Agawam, MA 01001 · 413-789-9018 · www.EurofinsUS.com/Spectrum

Rev. Nov 2016

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3/22/2021

Attachment B
IEG Summary of Field Activities

March 2021

Mr. C's CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - Mar 2021

DATE	ACTIVITY
1-Mar-21	OM&M Weekly Inspection. Time and Expense Reports. End of Month Summaries.
3-Mar-21	Treatment Room Sampling. OM&M office work.
8-Mar-21	Shovelled snow in front of Treatment Room. Weekly Inspection. Office work.
11-Mar-21	Checked System. Searched for, found and reinstalled PZ-2C top cover. Found MW-14 inner ring in snowpile. Filled around riser with stones.
15-Mar-21	Shovelled snow in front of Treatment Room. OM&M Weekly Inspection. Disconnected and drained Air Stripper Discharge Pressure line. Inspected and photoed damaged MW-14 inner ring.
17-Mar-21	Quarterly Well Sampling. Checked system. Office work.
24-Mar-21	Dropped off sampling supplies. OM&M Weekly Inspection. Started 586 Building SVE System. Swept out Treatment Room.
25-Mar-21	Checked System. Mixed new batch of Redux solution. Changed Bag Filters. Office work.
29-Mar-21	OM&M Weekly Inspection. Picked up litter in front of Treatment Room. Uncovered Piezometers in Groups PW-2 and PW-3 that were covered with soil / gravel from snowplowing. Swept gravel, spruce needles and cones off of Library Parking Lot.
30-Mar-21	Piezometer Readings. OM&M Office work.
31-Mar-21	Piezometer Readings.

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

DATE: 1-Mar-21 **ACTIVITIES:** Site Inspection

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

WEATHER CONDITIONS: Coudy, cold **OUTSIDE TEMPERATURE (°F):** 25 2

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 on AUTO

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	14	ft	PW-5	ON: √	OFF:	10	ft
PW-2	ON:	OFF: √	12	ft	PW-6	ON:	OFF: √	5	ft
PW-3	ON: √	OFF:	13	ft	PW-7	ON:	OFF: √	7	ft
PW-4	ON:	OFF: √	3	ft	PW-8	ON:	OFF: √	5	ft

EQUALIZATION TANK: 3 ft **Last Alarm D/T/Condition:** 6/23/2020 Air Stripper Low Pressure

NOTES:

INFLUENT FLOW RATE: 0 gpm **INFLUENT TOTALIZER READING:** 20946264 gallons

SEQUESTERING AGENT DRUM LEVEL: 30 inches (x 1.7=) **AMOUNT OF AGENT REMAINING:** 51 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:** 0.95 (26.3) in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: broken in. H_2O **DISCHARGE PRESSURE:** 2.8 in. H_2O

AIR FLOW : 1350 fpm X 1.4 = 1890 CFM **AIR SPARGER** **LEFT** 6.7 **RIGHT** 2.8 CFM

AIR TEMP: 85.2 °F

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

EFFLUENT FLOW RATE: 84 gpm **EFFLUENT TOTALIZER READING:** 87,307,607 broken 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: 7.0 in. **TREATMENT BUILDING CLEAN & ORGANIZED?** YES: √ NO:

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

1-Mar-21

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

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	11:30 am	6.3	7.1	11.9	1840
AIR STRIPPER EFFLUENT:	EFF	11:30 am	7.5	8.8	11.9	1800

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. MPI-5S and MW-8 inner rings are damaged. PZ-2C is missing top cover.

Many 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 **------** **gallon** **FLOW (cfm):** _____ _____

DRAINED **No** **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: 586 Building SVE System is OFF due to freezing temperatures.

Other Actions:

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

DATE: 15-Mar-21 *ACTIVITIES:* Site Inspection

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

WEATHER CONDITIONS: Partly cloudy, cool *OUTSIDE TEMPERATURE (°F):* 34

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 on AUTO

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	14	ft	PW-5	ON: √	OFF:	7	ft
PW-2	ON:	OFF: √	12	ft	PW-6	ON:	OFF: √	7	ft
PW-3	ON: √	OFF:	13	ft	PW-7	ON:	OFF: √	4	ft
PW-4	ON:	OFF: √	4	ft	PW-8	ON:	OFF: √	5	ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 6/23/2020 Air Stripper Low Pressure

NOTES:

INFLUENT FLOW RATE: 0 gpm INFLUENT TOTALIZER READING: 21014008 gallons

SEQUESTERING AGENT DRUM LEVEL: 0 inches *(x 1.7=)* *AMOUNT OF AGENT REMAINING:* 26 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:* 1.0 (27.7) in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: broken in. H_2O *DISCHARGE PRESSURE:* 2.4 in. H_2O

AIR FLOW : 1300 fpm X 1.4 = 1820 CFM *AIR SPARGER* *LEFT* 6.7 *RIGHT* 2.7 CFM

AIR TEMP: 85.6 °F

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

EFFLUENT FLOW RATE: 85.6 gpm *EFFLUENT TOTALIZER READING:* 87,353,437 broken gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: *INSIDE TEMPERATURE (°F):* 68

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

WATER LEVEL IN SUMP: 2.0 in. *TREATMENT BUILDING CLEAN & ORGANIZED?* YES: √ NO:

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

15-Mar-21

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. MPI-5S and MW-8 inner rings are damaged. MW-14 was damaged by snowplow.

SUBSLAB SYSTEMS

TREATMENT ROOM

			west	east	***NOTES:***
MANOMETER:	**1.3** **in. WC**				cfm = 0.05 x fpm (3" PVC)
(Fan Inlet)		**FLOW (fpm):**	1150	450	
CONDENSATE	**------** **gallon**	**FLOW (cfm):**	57.5	22.5	
DRAINED	**No**	**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: 586 Building SVE System is OFF due to freezing temperatures.

Other Actions: Disconnected and cleaned out Air Stripper Discharge Pressure line.

Qaurtely Well Sampling: PW-4, PW-5, PW-6, PW-7, PW-8 (Mar 17).

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

DATE: 29-Mar-21 **ACTIVITIES:** Site Inspection

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

WEATHER CONDITIONS: cloudy, cool **OUTSIDE TEMPERATURE (°F):** 35

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 on AUTO

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	14	ft	PW-5	ON: √	OFF:	6	ft
PW-2	ON:	OFF: √	10	ft	PW-6	ON:	OFF: √	3	ft
PW-3	ON: √	OFF:	11	ft	PW-7	ON:	OFF: √	6	ft
PW-4	ON:	OFF: √	4	ft	PW-8	ON:	OFF: √	6	ft

EQUALIZATION TANK: 3 ft **Last Alarm D/T/Condition:** 6/23/2020 Air Stripper Low Pressure

NOTES:

INFLUENT FLOW RATE: 0 gpm **INFLUENT TOTALIZER READING:** 21074208 gallons

SEQUESTERING AGENT DRUM LEVEL: 30 inches (x 1.7=) **AMOUNT OF AGENT REMAINING:** 51 gallons

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

		Top	Bottom			Top	Bottom	
BAG FILTER PRESSURES:	LEFT:	0	0	psi	RIGHT:	6	0	psi

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 **AIR STRIPPER PRESSURE:** 1.0 (27.7) in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: broken in. H_2O **DISCHARGE PRESSURE:** 2.0 in. H_2O

AIR FLOW : 1300 fpm X 1.4 = 1820 CFM **AIR SPARGER** LEFT 6.8 RIGHT 2.8 CFM

AIR TEMP: 91.9 °F

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

EFFLUENT FLOW RATE: 86 gpm **EFFLUENT TOTALIZER READING:** 87,393,765 broken gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: **INSIDE TEMPERATURE (°F):** 69

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

WATER LEVEL IN SUMP: 2.0 in. **TREATMENT BUILDING CLEAN & ORGANIZED?** YES: √ NO:

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

29-Mar-21

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. MPI-5S and MW-8 inner rings are damaged. MW-14 was damaged by snowplow.

SUBSLAB SYSTEMS

TREATMENT ROOM

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

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

CONDENSATE ------ **gallon** **FLOW (cfm):**

DRAINED No **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: Poured decanted bag filter change water into sump drain.

Uncovered piezometers of Well Groups PW-2 and PW-3 that were gravelled over by the snowplow.

Swept gravel, spruce needles and cones off of Library Parking Lot around Well Groups PW-6 and PW-7.

MR. C's DRY CLEANERS SITE
NYSDEC Site #9-15-157

OM&M: PIEZOMETER WATER LEVEL LOG

Date: 30-Mar-21 **Measurements taken by:** R. Allen

RW-1	10.90 ft	Comments:		PW-5	17.50 ft	Comments:	
PZ-1A	10.91 ft	Comments:		PZ-5A	10.28 ft	Comments:	
PZ-1B	10.66 ft	Comments:		PZ-5B	10.33 ft	Comments:	
PZ-1C	11.82 ft	Comments:		PZ-5C	9.95 ft	Comments:	
PZ-1D	11.97 ft	Comments:		PZ-5D	10.76 ft	Comments:	
PW-2	10.50 ft	Comments:		PW-6	16.40 ft	Comments:	
PZ-2A	10.46 ft	Comments:		PZ-6A	11.24 ft	Comments:	
PZ-2B	10.82 ft	Comments:		PZ-6B	11.10 ft	Comments:	
PZ-2C	10.29 ft	Comments:		PZ-6C	11.31 ft	Comments:	
MW-7	10.81 ft	Comments:	Substitute for 2D	PZ-6D	11.13 ft	Comments:	Shown as RW-2 on map
PW-3	11.10 ft	Comments:		PW-7	19.30 ft	Comments:	
PZ-3A	10.98 ft	Comments:		MPI-6S	10.82 ft	Comments:	
PZ-3B	11.05 ft	Comments:		PZ-7B	10.96 ft	Comments:	
PZ-3C	11.53 ft	Comments:		OW-B	10.85 ft	Comments:	
PZ-3D	------ ft	Comments:	Under Gravel Pile	PZ-7D	10.59 ft	Comments:	
PW-4	18.80 ft	Comments:		PW-8	20.20 ft	Comments:	
PZ-4A	11.22 ft	Comments:		PZ-8A	7.80 ft	Comments:	
PZ-4B	10.40 ft	Comments:		PZ-8B	7.72 ft	Comments:	
PZ-4C	------- ft	Comments:	sealed over	PZ-8C	7.44 ft	Comments:	
PZ-4D	10.04 ft	Comments:		PZ-8D	7.64 ft	Comments:	

PUMPS IN OPERATION DURING MEASUREMENTS

RW-1 pump on?		Yes	√	No	PW-5 pump on?		Yes	√	No
PW-2 pump on?		Yes	√	No	PW-6 pump on?		Yes	√	No
PW-3 pump on?		Yes	√	No	PW-7 pump on?		Yes	√	No
PW-4 pump on?		Yes	√	No	PW-8 pump on?		Yes	√	No