AECOM

Operation, Maintenance and Monitoring Report
June 2020

NOW Corporation
NYSDEC Site No. 3-14-008

Work Assignment No.
D009803-19

Prepared for:

SUPERFUND STANDBY PROGRAM
New York State
Department of Environmental Conservation
625 Broadway
Albany, New York 12233

Prepared by:

AECOM USA, Inc.
40 British American Boulevard
Latham, New York 12110

July 2020

July 23, 2020

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

Re: NOW Corporation - Site No. 3-14-008
O&M Summary Report: June 2020

Dear Mr. Long:

This monthly summary report describes the operation, maintenance and monitoring (OM&M) of the remedial system at the NOW Corporation site in the Town of Clinton, New York, for a 35-day period (**May 13, 2020 – June 17, 2020**).

With the exceptions noted below, if any, the pump and treat system was online and operational throughout the reporting period. Approximately 248,000 gallons of water were treated. Discharge from the treatment system averaged approximately 7,084 gallons per day (gpd).

As of the last day of the reporting period, a total of 119,414,324 gallons of groundwater had been recovered and treated by the system since it became operational in February 1998.

Table 1 summarizes influent and effluent analytical data for water samples collected on June 17, 2020. **There were no exceedances of effluent limitations.** A copy of the analytical laboratory report is attached. Total VOCs in the most contaminated extraction well (TW-2A) were 1,228 µg/L; last month's value was 547 µg/L.

Table 2 presents operational data recorded on the sampling date.

The NYSDEC's call-out subcontractor, Precision Environmental Services (PES), made two site visits to conduct the required system inspection, perform scheduled and unscheduled maintenance, and collect water samples. NYSDEC-required field documentation related to the COVID-19 (novel coronavirus) pandemic is attached. Details for the current period are as follows:

June 3 – Modem was reset in response to a halt in system-generated emails. Weed whacked around the building.

June 17 – Weed whacked around the building. Performed monthly system inspection, cleaning, and influent and effluent sampling.

The pump in extraction well TW-3 was off during this reporting period but was manually activated to obtain the sample. The pumps in extraction wells TW-1 and TW-2 were operational throughout the period.

The VFD regulating the stripper blower remained at 55 Hz upon departure.

Please feel free to contact me at (518) 951-2373, or at lindsay.mitchell@aecom.com if you have any questions or comments regarding this report or the operation of the treatment system.

Sincerely,

AECOM USA, Inc.

Lindsay Mitchell

Lindsay Mitchell, P.E.
Project Manager

Table 1
Summary of Influent and Effluent Data
Sampling Date: June 17, 2020
NOW Corporation Site
NYSDEC Site No. 3-14-008
Town of Clinton, New York

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations	(units)
			TW-1	TW-2A	TW-3		
Quantity treated, avg per day		7,084				Monitor	gallons
pH	7.2	7.8				6.5 to 8.5	standard units
Oil and Grease	**2.2 J**	<5.3	NA	NA	NA	15	mg/L
Total Cyanide	<0.01	<0.01	NA	NA	NA	0.01	mg/L
TDS	**297**	**317**	NA	NA	NA	1000	mg/L
TSS	**5.6**	<4	NA	NA	NA	50	mg/L
Aluminum, Total	<200	<200	NA	NA	NA	Monitor	µg/L
Arsenic, Total	<15	<15	NA	NA	NA	100	µg/L
Barium, Total	**92**	**81**	NA	NA	NA	Monitor	µg/L
Chromium	**1.9 J**	<4	NA	NA	NA	400	µg/L
Copper	**3 J**	<10	NA	NA	NA	24	µg/L
Iron	**270**	<50	NA	NA	NA	600	µg/L
Mercury	<0.2	<0.2	NA	NA	NA	0.8	µg/L
Manganese	**540**	**35**	NA	NA	NA	Monitor	µg/L
Nickel	**1.5 J**	<10	NA	NA	NA	200	µg/L
Zinc	**3.7 J**	**2.1 J**	NA	NA	NA	150	µg/L
1,1,1-Trichloroethane	**620 D**	<1	**1.4**	**550 D**	**3.1**	10	µg/L
1,1,2-Trichloroethane	<4	<1	<1	<4	<1	1.2	µg/L
1,1-Dichloroethane	**220**	<1	**28**	**220**	**5.4**	10	µg/L
1,1-Dichloroethene	**16**	<1	**8.3**	**16**	**0.57 J**	0.5	µg/L
1,2-Dichloroethane	<4	<1	<1	<4	<1	1.6	µg/L
2-Butanone	<40	<10	<10	<40	<10	NL	µg/L
Benzene	<4	<1	<1	<4	<1	1.4	µg/L
Chlorobenzene	<4	<1	<1	<4	<1	10	µg/L
Chloroethane	<4	<1	<1	<4	<1	10	µg/L
cis-1,2-Dichloroethene	**11**	<1	**4**	**12**	<1	5	µg/L
Ethylbenzene	<4	<1	<1	<4	<1	10	µg/L
o-Xylene	<4	<1	<1	<4	<1	5	µg/L
m,p-Xylene	<8	<2	<2	<8	<2	10	µg/L
Tetrachloroethene	<4	<1	<1	<4	<1	1.4	µg/L
Tetrahydrofuran	NA	NA	NA	NA	NA	NL	µg/L
Toluene	<4	<1	<1	<4	<1	10	µg/L
Trichloroethene	**440 D**	<1	**44**	**430 D**	**14**	6	µg/L
Vinyl Chloride	<4	<1	<1	<4	<1	0.6	µg/L

Notes:

1) Detected concentrations are presented in ***bold*** *typeface, and are expressed in the units shown in far right column.*

2) Effluent concentration boxed in ***bold*** *denotes exceedance of effluent limitations.*

3) NA indicates parameter was not analyzed.

*4) "**J**" indicates the result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.*

*5) "**D**" indicates the result is from a diluted sample.*

6) NL indicates no effluent limitations are specified.

Table 2
Summary of June 2020 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		**6/17/20**	**Units**
TW-1			
	Pumping Rate	7	GPM
	Water Level Above Transducer	15.09	feet
	Flow Meter Reading	9,374,280	gallons
	Pump Pressure	4	psi
TW-2A			
	Pumping Rate	14	GPM
	Water Level Above Transducer	24.80	feet
	Flow Meter Reading	22,466,210	gallons
	Pump Pressure	9	psi
TW-3			
	Pumping Rate	2	GPM
	Water Level Above Transducer	81.17	feet
	Flow Meter Reading	16,982,855	gallons
	Pump Pressure	4	psi
VFD Setting	Arrival	55	Hz
	Departure	55	Hz
Air Stripper			
	Stripper Blower Pressure	14	inches H_2O
	Air Temperature in Stripper	54	°F
Effluent Flow			
	Effluent Flow this period	247,951	gallons
	Total Effluent Flow	119,414,324	gallons

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-171394-1
Client Project/Site: NOW Corp. #314008

For:
New York State D.E.C.
625 Broadway
4th Floor
Albany, New York 12233

Attn: Mr. Payson Long

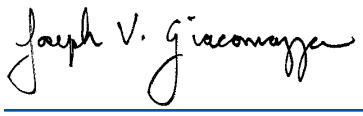
Joseph V. Giacomazza

Authorized for release by:
6/29/2020 3:54:56 PM
Joe Giacomazza, Project Manager I
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

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



Joe Giacomazza
Project Manager I
6/29/2020 3:54:56 PM

Table of Contents

Definitions/Glossary

Client: New York State D.E.C.
Job ID: 480-171394-1
Project/Site: NOW Corp. #314008

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: 480-171394-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-171394-1

Comments
No additional comments.

Receipt
The samples were received on 6/19/2020 8:00 AM; 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 following samples were diluted to bring the concentration of target analytes within the calibration range: TW-2A 061720 (480-171394-2) and INFLUENT 061720 (480-171394-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-537601 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TW-1 061720 (480-171394-1), TW-2A 061720 (480-171394-2), TW-3 061720 (480-171394-3) and INFLUENT 061720 (480-171394-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-537601 recovered above the upper control limit for Bromodichloromethane, Dibromochloromethane, and 1,1,1-Trichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TW-1 061720 (480-171394-1), TW-2A 061720 (480-171394-2), TW-3 061720 (480-171394-3) and INFLUENT 061720 (480-171394-4).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-537601 recovered outside control limits for the following analyte: Carbon tetrachloride. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: TW-1 061720 (480-171394-1), TW-2A 061720 (480-171394-2), TW-3 061720 (480-171394-3) and INFLUENT 061720 (480-171394-4).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-537601 recovered outside control limits for the following analyte: Bromoform. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: TW-1 061720 (480-171394-1), TW-2A 061720 (480-171394-2), TW-3 061720 (480-171394-3) and INFLUENT 061720 (480-171394-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-537655 recovered outside acceptance criteria, low biased, for 1,1,2,2-Tetrachloroethane and 1,2-Dichloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 480-537601 was outside the method criteria for the following analyte: 1,1,1-Trichloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: TW-2A 061720 (480-171394-2) and INFLUENT 061720 (480-171394-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 480-537717 was outside the method criteria for the following analyte: 1,1,1-Trichloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated. The associated samples are impacted: TW-2A 061720 (480-171394-2) and INFLUENT 061720 (480-171394-4).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-537717 recovered outside control limits for the following analytes: Carbon tetrachloride, Bromodichloromethane, Dibromochloromethane, and Bromoform. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted:

Job ID: 480-171394-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

TW-2A 061720 (480-171394-2) and INFLUENT 061720 (480-171394-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-537717 recovered above the upper control limit for Carbon tetrachloride, Bromodichloromethane and Dibromochloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TW-2A 061720 (480-171394-2) and INFLUENT 061720 (480-171394-4).

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

Metals

Method 6010C: The interference check standard solution (ICSA) associated with the following samples showed results for Barium at a level greater than 2 times the limit of detection (LOD). It is believed that the solution contains trace impurities of this element and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution. INFLUENT 061720 (480-171394-4), EFFLUENT 061720 (480-171394-5), (LCS 480-537381/2-A), (LCSD 480-537381/23-A) and (MB 480-537381/1-A)

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

General Chemistry

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

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TW-1 061720
Date Collected: 06/17/20 11:30
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-1
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	**1.4**		1.0	0.82	ug/L			06/24/20 04:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/20 04:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/20 04:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/20 04:29	1
1,1-Dichloroethane	**28**		1.0	0.38	ug/L			06/24/20 04:29	1
1,1-Dichloroethene	**8.3**		1.0	0.29	ug/L			06/24/20 04:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/20 04:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/20 04:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/20 04:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/20 04:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/20 04:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/20 04:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/20 04:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/20 04:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/20 04:29	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/20 04:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/20 04:29	1
Acetone	ND		10	3.0	ug/L			06/24/20 04:29	1
Benzene	ND		1.0	0.41	ug/L			06/24/20 04:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/20 04:29	1
Bromoform	ND	*	1.0	0.26	ug/L			06/24/20 04:29	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/20 04:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/20 04:29	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			06/24/20 04:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/20 04:29	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/20 04:29	1
Chloroform	ND		1.0	0.34	ug/L			06/24/20 04:29	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/20 04:29	1
cis-1,2-Dichloroethene	**4.0**		1.0	0.81	ug/L			06/24/20 04:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/20 04:29	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/20 04:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/20 04:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/20 04:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/20 04:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/20 04:29	1
m,p-Xylene	ND		2.0	0.66	ug/L			06/24/20 04:29	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/20 04:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/20 04:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/20 04:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/20 04:29	1
o-Xylene	ND		1.0	0.76	ug/L			06/24/20 04:29	1
Styrene	ND		1.0	0.73	ug/L			06/24/20 04:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/20 04:29	1
Toluene	ND		1.0	0.51	ug/L			06/24/20 04:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/20 04:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/20 04:29	1
Trichloroethene	**44**		1.0	0.46	ug/L			06/24/20 04:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/20 04:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/20 04:29	1

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TW-1 061720
Date Collected: 06/17/20 11:30
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/20 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*06/24/20 04:29*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*06/24/20 04:29*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*06/24/20 04:29*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/24/20 04:29*	*1*

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TW-2A 061720
Date Collected: 06/17/20 11:40
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-2
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	**560**	**E**	4.0	3.3	ug/L			06/24/20 04:53	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			06/24/20 04:53	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			06/24/20 04:53	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			06/24/20 04:53	4
1,1-Dichloroethane	**220**		4.0	1.5	ug/L			06/24/20 04:53	4
1,1-Dichloroethene	**16**		4.0	1.2	ug/L			06/24/20 04:53	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			06/24/20 04:53	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			06/24/20 04:53	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			06/24/20 04:53	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			06/24/20 04:53	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			06/24/20 04:53	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			06/24/20 04:53	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			06/24/20 04:53	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			06/24/20 04:53	4
2-Butanone (MEK)	ND		40	5.3	ug/L			06/24/20 04:53	4
2-Hexanone	ND		20	5.0	ug/L			06/24/20 04:53	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			06/24/20 04:53	4
Acetone	ND		40	12	ug/L			06/24/20 04:53	4
Benzene	ND		4.0	1.6	ug/L			06/24/20 04:53	4
Bromodichloromethane	ND		4.0	1.6	ug/L			06/24/20 04:53	4
Bromoform	ND	*	4.0	1.0	ug/L			06/24/20 04:53	4
Bromomethane	ND		4.0	2.8	ug/L			06/24/20 04:53	4
Carbon disulfide	ND		4.0	0.76	ug/L			06/24/20 04:53	4
Carbon tetrachloride	ND	*	4.0	1.1	ug/L			06/24/20 04:53	4
Chlorobenzene	ND		4.0	3.0	ug/L			06/24/20 04:53	4
Chloroethane	ND		4.0	1.3	ug/L			06/24/20 04:53	4
Chloroform	ND		4.0	1.4	ug/L			06/24/20 04:53	4
Chloromethane	ND		4.0	1.4	ug/L			06/24/20 04:53	4
cis-1,2-Dichloroethene	**12**		4.0	3.2	ug/L			06/24/20 04:53	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			06/24/20 04:53	4
Cyclohexane	ND		4.0	0.72	ug/L			06/24/20 04:53	4
Dibromochloromethane	ND		4.0	1.3	ug/L			06/24/20 04:53	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			06/24/20 04:53	4
Ethylbenzene	ND		4.0	3.0	ug/L			06/24/20 04:53	4
Isopropylbenzene	ND		4.0	3.2	ug/L			06/24/20 04:53	4
m,p-Xylene	ND		8.0	2.6	ug/L			06/24/20 04:53	4
Methyl acetate	ND		10	5.2	ug/L			06/24/20 04:53	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			06/24/20 04:53	4
Methylcyclohexane	ND		4.0	0.64	ug/L			06/24/20 04:53	4
Methylene Chloride	ND		4.0	1.8	ug/L			06/24/20 04:53	4
o-Xylene	ND		4.0	3.0	ug/L			06/24/20 04:53	4
Styrene	ND		4.0	2.9	ug/L			06/24/20 04:53	4
Tetrachloroethene	ND		4.0	1.4	ug/L			06/24/20 04:53	4
Toluene	ND		4.0	2.0	ug/L			06/24/20 04:53	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			06/24/20 04:53	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			06/24/20 04:53	4
Trichloroethene	**440**	**E**	4.0	1.8	ug/L			06/24/20 04:53	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			06/24/20 04:53	4
Vinyl chloride	ND		4.0	3.6	ug/L			06/24/20 04:53	4

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TW-2A 061720
Date Collected: 06/17/20 11:40
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		8.0	2.6	ug/L			06/24/20 04:53	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*06/24/20 04:53*	*4*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*06/24/20 04:53*	*4*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*06/24/20 04:53*	*4*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/24/20 04:53*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**550**		10	8.2	ug/L			06/24/20 12:21	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			06/24/20 12:21	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			06/24/20 12:21	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			06/24/20 12:21	10
1,1-Dichloroethane	**200**		10	3.8	ug/L			06/24/20 12:21	10
1,1-Dichloroethene	**16**		10	2.9	ug/L			06/24/20 12:21	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			06/24/20 12:21	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			06/24/20 12:21	10
1,2-Dibromoethane	ND		10	7.3	ug/L			06/24/20 12:21	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			06/24/20 12:21	10
1,2-Dichloroethane	ND		10	2.1	ug/L			06/24/20 12:21	10
1,2-Dichloropropane	ND		10	7.2	ug/L			06/24/20 12:21	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			06/24/20 12:21	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			06/24/20 12:21	10
2-Butanone (MEK)	ND		100	13	ug/L			06/24/20 12:21	10
2-Hexanone	ND		50	12	ug/L			06/24/20 12:21	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			06/24/20 12:21	10
Acetone	ND		100	30	ug/L			06/24/20 12:21	10
Benzene	ND		10	4.1	ug/L			06/24/20 12:21	10
Bromodichloromethane	ND	*	10	3.9	ug/L			06/24/20 12:21	10
Bromoform	ND	*	10	2.6	ug/L			06/24/20 12:21	10
Bromomethane	ND		10	6.9	ug/L			06/24/20 12:21	10
Carbon disulfide	ND		10	1.9	ug/L			06/24/20 12:21	10
Carbon tetrachloride	ND	*	10	2.7	ug/L			06/24/20 12:21	10
Chlorobenzene	ND		10	7.5	ug/L			06/24/20 12:21	10
Chloroethane	ND		10	3.2	ug/L			06/24/20 12:21	10
Chloroform	ND		10	3.4	ug/L			06/24/20 12:21	10
Chloromethane	ND		10	3.5	ug/L			06/24/20 12:21	10
cis-1,2-Dichloroethene	**12**		10	8.1	ug/L			06/24/20 12:21	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			06/24/20 12:21	10
Cyclohexane	ND		10	1.8	ug/L			06/24/20 12:21	10
Dibromochloromethane	ND	*	10	3.2	ug/L			06/24/20 12:21	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			06/24/20 12:21	10
Ethylbenzene	ND		10	7.4	ug/L			06/24/20 12:21	10
Isopropylbenzene	ND		10	7.9	ug/L			06/24/20 12:21	10
m,p-Xylene	ND		20	6.6	ug/L			06/24/20 12:21	10
Methyl acetate	ND		25	13	ug/L			06/24/20 12:21	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			06/24/20 12:21	10
Methylcyclohexane	ND		10	1.6	ug/L			06/24/20 12:21	10
Methylene Chloride	ND		10	4.4	ug/L			06/24/20 12:21	10

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TW-2A 061720
Date Collected: 06/17/20 11:40
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		10	7.6	ug/L			06/24/20 12:21	10
Styrene	ND		10	7.3	ug/L			06/24/20 12:21	10
Tetrachloroethene	ND		10	3.6	ug/L			06/24/20 12:21	10
Toluene	ND		10	5.1	ug/L			06/24/20 12:21	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			06/24/20 12:21	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			06/24/20 12:21	10
Trichloroethene	**430**		10	4.6	ug/L			06/24/20 12:21	10
Trichlorofluoromethane	ND		10	8.8	ug/L			06/24/20 12:21	10
Vinyl chloride	ND		10	9.0	ug/L			06/24/20 12:21	10
Xylenes, Total	ND		20	6.6	ug/L			06/24/20 12:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*06/24/20 12:21*	*10*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*06/24/20 12:21*	*10*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*06/24/20 12:21*	*10*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/24/20 12:21*	*10*

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TW-3 061720
Date Collected: 06/17/20 11:45
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-3
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	**3.1**		1.0	0.82	ug/L			06/24/20 05:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/20 05:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/20 05:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/20 05:17	1
1,1-Dichloroethane	**5.4**		1.0	0.38	ug/L			06/24/20 05:17	1
1,1-Dichloroethene	**0.57**	**J**	1.0	0.29	ug/L			06/24/20 05:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/20 05:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/20 05:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/20 05:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/20 05:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/20 05:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/20 05:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/20 05:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/20 05:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/20 05:17	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/20 05:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/20 05:17	1
Acetone	ND		10	3.0	ug/L			06/24/20 05:17	1
Benzene	ND		1.0	0.41	ug/L			06/24/20 05:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/20 05:17	1
Bromoform	ND	*	1.0	0.26	ug/L			06/24/20 05:17	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/20 05:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/20 05:17	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			06/24/20 05:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/20 05:17	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/20 05:17	1
Chloroform	ND		1.0	0.34	ug/L			06/24/20 05:17	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/20 05:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/20 05:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/20 05:17	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/20 05:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/20 05:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/20 05:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/20 05:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/20 05:17	1
m,p-Xylene	ND		2.0	0.66	ug/L			06/24/20 05:17	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/20 05:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/20 05:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/20 05:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/20 05:17	1
o-Xylene	ND		1.0	0.76	ug/L			06/24/20 05:17	1
Styrene	ND		1.0	0.73	ug/L			06/24/20 05:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/20 05:17	1
Toluene	ND		1.0	0.51	ug/L			06/24/20 05:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/20 05:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/20 05:17	1
Trichloroethene	**14**		1.0	0.46	ug/L			06/24/20 05:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/20 05:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/20 05:17	1

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TW-3 061720
Date Collected: 06/17/20 11:45
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/20 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*06/24/20 05:17*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*06/24/20 05:17*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*06/24/20 05:17*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*06/24/20 05:17*	*1*

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: INFLUENT 061720
Date Collected: 06/17/20 11:35
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-4
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	**600**	**E**	4.0	3.3	ug/L			06/24/20 05:40	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			06/24/20 05:40	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			06/24/20 05:40	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			06/24/20 05:40	4
1,1-Dichloroethane	**220**		4.0	1.5	ug/L			06/24/20 05:40	4
1,1-Dichloroethene	**16**		4.0	1.2	ug/L			06/24/20 05:40	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			06/24/20 05:40	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			06/24/20 05:40	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			06/24/20 05:40	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			06/24/20 05:40	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			06/24/20 05:40	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			06/24/20 05:40	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			06/24/20 05:40	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			06/24/20 05:40	4
2-Butanone (MEK)	ND		40	5.3	ug/L			06/24/20 05:40	4
2-Hexanone	ND		20	5.0	ug/L			06/24/20 05:40	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			06/24/20 05:40	4
Acetone	ND		40	12	ug/L			06/24/20 05:40	4
Benzene	ND		4.0	1.6	ug/L			06/24/20 05:40	4
Bromodichloromethane	ND		4.0	1.6	ug/L			06/24/20 05:40	4
Bromoform	ND	*	4.0	1.0	ug/L			06/24/20 05:40	4
Bromomethane	ND		4.0	2.8	ug/L			06/24/20 05:40	4
Carbon disulfide	ND		4.0	0.76	ug/L			06/24/20 05:40	4
Carbon tetrachloride	ND	*	4.0	1.1	ug/L			06/24/20 05:40	4
Chlorobenzene	ND		4.0	3.0	ug/L			06/24/20 05:40	4
Chloroethane	ND		4.0	1.3	ug/L			06/24/20 05:40	4
Chloroform	ND		4.0	1.4	ug/L			06/24/20 05:40	4
Chloromethane	ND		4.0	1.4	ug/L			06/24/20 05:40	4
cis-1,2-Dichloroethene	**11**		4.0	3.2	ug/L			06/24/20 05:40	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			06/24/20 05:40	4
Cyclohexane	ND		4.0	0.72	ug/L			06/24/20 05:40	4
Dibromochloromethane	ND		4.0	1.3	ug/L			06/24/20 05:40	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			06/24/20 05:40	4
Ethylbenzene	ND		4.0	3.0	ug/L			06/24/20 05:40	4
Isopropylbenzene	ND		4.0	3.2	ug/L			06/24/20 05:40	4
m,p-Xylene	ND		8.0	2.6	ug/L			06/24/20 05:40	4
Methyl acetate	ND		10	5.2	ug/L			06/24/20 05:40	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			06/24/20 05:40	4
Methylcyclohexane	ND		4.0	0.64	ug/L			06/24/20 05:40	4
Methylene Chloride	ND		4.0	1.8	ug/L			06/24/20 05:40	4
o-Xylene	ND		4.0	3.0	ug/L			06/24/20 05:40	4
Styrene	ND		4.0	2.9	ug/L			06/24/20 05:40	4
Tetrachloroethene	ND		4.0	1.4	ug/L			06/24/20 05:40	4
Toluene	ND		4.0	2.0	ug/L			06/24/20 05:40	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			06/24/20 05:40	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			06/24/20 05:40	4
Trichloroethene	**430**	**E**	4.0	1.8	ug/L			06/24/20 05:40	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			06/24/20 05:40	4
Vinyl chloride	ND		4.0	3.6	ug/L			06/24/20 05:40	4

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: INFLUENT 061720
Date Collected: 06/17/20 11:35
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		8.0	2.6	ug/L			06/24/20 05:40	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*06/24/20 05:40*	*4*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*06/24/20 05:40*	*4*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*06/24/20 05:40*	*4*
Toluene-d8 (Surr)	*93*		*80 - 120*		*06/24/20 05:40*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**620**		10	8.2	ug/L			06/24/20 12:45	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			06/24/20 12:45	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			06/24/20 12:45	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			06/24/20 12:45	10
1,1-Dichloroethane	**230**		10	3.8	ug/L			06/24/20 12:45	10
1,1-Dichloroethene	**17**		10	2.9	ug/L			06/24/20 12:45	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			06/24/20 12:45	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			06/24/20 12:45	10
1,2-Dibromoethane	ND		10	7.3	ug/L			06/24/20 12:45	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			06/24/20 12:45	10
1,2-Dichloroethane	ND		10	2.1	ug/L			06/24/20 12:45	10
1,2-Dichloropropane	ND		10	7.2	ug/L			06/24/20 12:45	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			06/24/20 12:45	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			06/24/20 12:45	10
2-Butanone (MEK)	ND		100	13	ug/L			06/24/20 12:45	10
2-Hexanone	ND		50	12	ug/L			06/24/20 12:45	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			06/24/20 12:45	10
Acetone	ND		100	30	ug/L			06/24/20 12:45	10
Benzene	ND		10	4.1	ug/L			06/24/20 12:45	10
Bromodichloromethane	ND	*	10	3.9	ug/L			06/24/20 12:45	10
Bromoform	ND	*	10	2.6	ug/L			06/24/20 12:45	10
Bromomethane	ND		10	6.9	ug/L			06/24/20 12:45	10
Carbon disulfide	ND		10	1.9	ug/L			06/24/20 12:45	10
Carbon tetrachloride	ND	*	10	2.7	ug/L			06/24/20 12:45	10
Chlorobenzene	ND		10	7.5	ug/L			06/24/20 12:45	10
Chloroethane	ND		10	3.2	ug/L			06/24/20 12:45	10
Chloroform	ND		10	3.4	ug/L			06/24/20 12:45	10
Chloromethane	ND		10	3.5	ug/L			06/24/20 12:45	10
cis-1,2-Dichloroethene	**11**		10	8.1	ug/L			06/24/20 12:45	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			06/24/20 12:45	10
Cyclohexane	ND		10	1.8	ug/L			06/24/20 12:45	10
Dibromochloromethane	ND	*	10	3.2	ug/L			06/24/20 12:45	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			06/24/20 12:45	10
Ethylbenzene	ND		10	7.4	ug/L			06/24/20 12:45	10
Isopropylbenzene	ND		10	7.9	ug/L			06/24/20 12:45	10
m,p-Xylene	ND		20	6.6	ug/L			06/24/20 12:45	10
Methyl acetate	ND		25	13	ug/L			06/24/20 12:45	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			06/24/20 12:45	10
Methylcyclohexane	ND		10	1.6	ug/L			06/24/20 12:45	10
Methylene Chloride	ND		10	4.4	ug/L			06/24/20 12:45	10

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: INFLUENT 061720

Date Collected: 06/17/20 11:35
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		10	7.6	ug/L			06/24/20 12:45	10
Styrene	ND		10	7.3	ug/L			06/24/20 12:45	10
Tetrachloroethene	ND		10	3.6	ug/L			06/24/20 12:45	10
Toluene	ND		10	5.1	ug/L			06/24/20 12:45	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			06/24/20 12:45	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			06/24/20 12:45	10
Trichloroethene	**440**		10	4.6	ug/L			06/24/20 12:45	10
Trichlorofluoromethane	ND		10	8.8	ug/L			06/24/20 12:45	10
Vinyl chloride	ND		10	9.0	ug/L			06/24/20 12:45	10
Xylenes, Total	ND		20	6.6	ug/L			06/24/20 12:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*06/24/20 12:45*	*10*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*06/24/20 12:45*	*10*
Dibromofluoromethane (Surr)	*114*		*75 - 123*		*06/24/20 12:45*	*10*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/24/20 12:45*	*10*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/22/20 16:30	06/23/20 18:52	1
Arsenic	ND		0.015	0.0056	mg/L		06/22/20 16:30	06/23/20 18:52	1
Barium	**0.092**	**^**	0.0020	0.00070	mg/L		06/22/20 16:30	06/23/20 18:52	1
Chromium	**0.0019**	**J**	0.0040	0.0010	mg/L		06/22/20 16:30	06/23/20 18:52	1
Copper	**0.0030**	**J**	0.010	0.0016	mg/L		06/22/20 16:30	06/23/20 18:52	1
Iron	**0.27**		0.050	0.019	mg/L		06/22/20 16:30	06/23/20 18:52	1
Manganese	**0.54**		0.0030	0.00040	mg/L		06/22/20 16:30	06/23/20 18:52	1
Nickel	**0.0015**	**J**	0.010	0.0013	mg/L		06/22/20 16:30	06/23/20 18:52	1
Zinc	**0.0037**	**J**	0.010	0.0015	mg/L		06/22/20 16:30	06/23/20 18:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/20 12:14	06/25/20 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	**2.2**	**J**	5.2	1.5	mg/L		06/22/20 16:11	06/23/20 16:20	1
Cyanide, Total	ND		0.010	0.0050	mg/L		06/26/20 18:31	06/27/20 12:51	1
Total Dissolved Solids	**297**		10.0	4.0	mg/L			06/19/20 15:09	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**5.6**		4.0	4.0	mg/L			06/19/20 13:09	1

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: EFFLUENT 061720
Date Collected: 06/17/20 11:50
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-5
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	ND		1.0	0.82	ug/L			06/24/20 13:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/20 13:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/20 13:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/20 13:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/20 13:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/20 13:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/20 13:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/20 13:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/20 13:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/20 13:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/20 13:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/20 13:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/20 13:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/20 13:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/20 13:55	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/20 13:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/20 13:55	1
Acetone	ND		10	3.0	ug/L			06/24/20 13:55	1
Benzene	ND		1.0	0.41	ug/L			06/24/20 13:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/20 13:55	1
Bromoform	ND		1.0	0.26	ug/L			06/24/20 13:55	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/20 13:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/20 13:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/20 13:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/20 13:55	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/20 13:55	1
Chloroform	ND		1.0	0.34	ug/L			06/24/20 13:55	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/20 13:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/20 13:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/20 13:55	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/20 13:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/20 13:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/20 13:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/20 13:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/20 13:55	1
m,p-Xylene	ND		2.0	0.66	ug/L			06/24/20 13:55	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/20 13:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/20 13:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/20 13:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/20 13:55	1
o-Xylene	ND		1.0	0.76	ug/L			06/24/20 13:55	1
Styrene	ND		1.0	0.73	ug/L			06/24/20 13:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/20 13:55	1
Toluene	ND		1.0	0.51	ug/L			06/24/20 13:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/20 13:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/20 13:55	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/20 13:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/20 13:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/20 13:55	1

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: EFFLUENT 061720

Date Collected: 06/17/20 11:50
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/20 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*06/24/20 13:55*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/24/20 13:55*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*06/24/20 13:55*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/24/20 13:55*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/22/20 16:30	06/23/20 18:55	1
Arsenic	ND		0.015	0.0056	mg/L		06/22/20 16:30	06/23/20 18:55	1
Barium	**0.081**	**^**	0.0020	0.00070	mg/L		06/22/20 16:30	06/23/20 18:55	1
Chromium	ND		0.0040	0.0010	mg/L		06/22/20 16:30	06/23/20 18:55	1
Copper	ND		0.010	0.0016	mg/L		06/22/20 16:30	06/23/20 18:55	1
Iron	ND		0.050	0.019	mg/L		06/22/20 16:30	06/23/20 18:55	1
Manganese	**0.035**		0.0030	0.00040	mg/L		06/22/20 16:30	06/23/20 18:55	1
Nickel	ND		0.010	0.0013	mg/L		06/22/20 16:30	06/23/20 18:55	1
Zinc	**0.0021**	**J**	0.010	0.0015	mg/L		06/22/20 16:30	06/23/20 18:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/25/20 12:14	06/25/20 15:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		5.3	1.5	mg/L		06/22/20 16:11	06/23/20 16:20	1
Cyanide, Total	ND		0.010	0.0050	mg/L		06/26/20 18:31	06/27/20 12:53	1
Total Dissolved Solids	**317**		10.0	4.0	mg/L			06/19/20 15:09	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/19/20 13:09	1

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TRIP BLANK
Date Collected: 06/17/20 00:00
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/24/20 14:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/20 14:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/20 14:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/20 14:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/20 14:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/20 14:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/20 14:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/20 14:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/20 14:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/20 14:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/20 14:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/20 14:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/20 14:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/20 14:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/20 14:18	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/20 14:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/20 14:18	1
Acetone	ND		10	3.0	ug/L			06/24/20 14:18	1
Benzene	ND		1.0	0.41	ug/L			06/24/20 14:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/20 14:18	1
Bromoform	ND		1.0	0.26	ug/L			06/24/20 14:18	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/20 14:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/20 14:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/20 14:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/20 14:18	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/20 14:18	1
Chloroform	ND		1.0	0.34	ug/L			06/24/20 14:18	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/20 14:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/20 14:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/20 14:18	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/20 14:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/20 14:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/20 14:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/20 14:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/20 14:18	1
m,p-Xylene	ND		2.0	0.66	ug/L			06/24/20 14:18	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/20 14:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/20 14:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/20 14:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/20 14:18	1
o-Xylene	ND		1.0	0.76	ug/L			06/24/20 14:18	1
Styrene	ND		1.0	0.73	ug/L			06/24/20 14:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/20 14:18	1
Toluene	ND		1.0	0.51	ug/L			06/24/20 14:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/20 14:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/20 14:18	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/20 14:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/20 14:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/20 14:18	1

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Client Sample ID: TRIP BLANK
Date Collected: 06/17/20 00:00
Date Received: 06/19/20 08:00

Lab Sample ID: 480-171394-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/20 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*06/24/20 14:18*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/24/20 14:18*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*06/24/20 14:18*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/24/20 14:18*	*1*

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-171394-1
Project/Site: NOW Corp. #314008

Client Sample ID: TW-1 061720
Lab Sample ID: 480-171394-1
Date Collected: 06/17/20 11:30
Matrix: Water
Date Received: 06/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537601	06/24/20 04:29	RJF	TAL BUF

Client Sample ID: TW-2A 061720
Lab Sample ID: 480-171394-2
Date Collected: 06/17/20 11:40
Matrix: Water
Date Received: 06/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	537601	06/24/20 04:53	RJF	TAL BUF
Total/NA	Analysis	8260C	DL	10	537717	06/24/20 12:21	RJF	TAL BUF

Client Sample ID: TW-3 061720
Lab Sample ID: 480-171394-3
Date Collected: 06/17/20 11:45
Matrix: Water
Date Received: 06/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537601	06/24/20 05:17	RJF	TAL BUF

Client Sample ID: INFLUENT 061720
Lab Sample ID: 480-171394-4
Date Collected: 06/17/20 11:35
Matrix: Water
Date Received: 06/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	537601	06/24/20 05:40	RJF	TAL BUF
Total/NA	Analysis	8260C	DL	10	537717	06/24/20 12:45	RJF	TAL BUF
Total/NA	Prep	3005A			537381	06/22/20 16:30	NSW	TAL BUF
Total/NA	Analysis	6010C		1	537689	06/23/20 18:52	AMH	TAL BUF
Total/NA	Prep	7470A			537986	06/25/20 12:14	BMB	TAL BUF
Total/NA	Analysis	7470A		1	538093	06/25/20 15:06	BMB	TAL BUF
Total/NA	Prep	1664B			537398	06/22/20 16:11	T1S	TAL BUF
Total/NA	Analysis	1664B		1	537645	06/23/20 16:20	T1S	TAL BUF
Total/NA	Prep	9012B			538296	06/26/20 18:31	CRK	TAL BUF
Total/NA	Analysis	9012B		1	538374	06/27/20 12:51	CRK	TAL BUF
Total/NA	Analysis	SM 2540C		1	537144	06/19/20 15:09	E1T	TAL BUF
Total/NA	Analysis	SM 2540D		1	537099	06/19/20 13:09	CSS	TAL BUF

Client Sample ID: EFFLUENT 061720
Lab Sample ID: 480-171394-5
Date Collected: 06/17/20 11:50
Matrix: Water
Date Received: 06/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537655	06/24/20 13:55	AMM	TAL BUF
Total/NA	Prep	3005A			537381	06/22/20 16:30	NSW	TAL BUF
Total/NA	Analysis	6010C		1	537689	06/23/20 18:55	AMH	TAL BUF
Total/NA	Prep	7470A			537986	06/25/20 12:14	BMB	TAL BUF
Total/NA	Analysis	7470A		1	538093	06/25/20 15:07	BMB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-171394-1
Project/Site: NOW Corp. #314008

Client Sample ID: EFFLUENT 061720
Lab Sample ID: 480-171394-5

Date Collected: 06/17/20 11:50
Matrix: Water
Date Received: 06/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1664B			537398	06/22/20 16:11	T1S	TAL BUF
Total/NA	Analysis	1664B		1	537645	06/23/20 16:20	T1S	TAL BUF
Total/NA	Prep	9012B			538296	06/26/20 18:31	CRK	TAL BUF
Total/NA	Analysis	9012B		1	538374	06/27/20 12:53	CRK	TAL BUF
Total/NA	Analysis	SM 2540C		1	537144	06/19/20 15:09	E1T	TAL BUF
Total/NA	Analysis	SM 2540D		1	537099	06/19/20 13:09	CSS	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-171394-6

Date Collected: 06/17/20 00:00
Matrix: Water
Date Received: 06/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537655	06/24/20 14:18	AMM	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: New York State D.E.C.
Job ID: 480-171394-1
Project/Site: NOW Corp. #314008

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
1664B	HEM and SGT-HEM	1664B	TAL BUF
9012B	Cyanide, Total andor Amenable	SW846	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
1664B	HEM and SGT-HEM (Aqueous)	1664B	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL BUF

Protocol References:

1664B = EPA-821-98-002

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

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: New York State D.E.C.
Project/Site: NOW Corp. #314008

Job ID: 480-171394-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171394-1	TW-1 061720	Water	06/17/20 11:30	06/19/20 08:00	
480-171394-2	TW-2A 061720	Water	06/17/20 11:40	06/19/20 08:00	
480-171394-3	TW-3 061720	Water	06/17/20 11:45	06/19/20 08:00	
480-171394-4	INFLUENT 061720	Water	06/17/20 11:35	06/19/20 08:00	
480-171394-5	EFFLUENT 061720	Water	06/17/20 11:50	06/19/20 08:00	
480-171394-6	TRIP BLANK	Water	06/17/20 00:00	06/19/20 08:00	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Albany #224

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Patrick Sokolowski	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-144702-32222.1
Client Contact: ~~Mr. Patrick Sokolowski~~ John Johnson	Phone: 518-885-4399	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Precision Environmental Services Inc.				Job #:

Address: 831 State Route 67 Ste 38	Due Date Requested:	
City: Ballston Spa	TAT Requested (days): Standard (10-Day)	
State, Zip: NY, 12020		
Phone: 518-402-9625(Tel)	PO #: Callout 138003	
Email: ~~psokolowski@pesnyinc.com~~ jjohnson@pesnyinc.com	WO #:	
Project Name: NOW Corp. 314008	Project #: 48021886	
Site:	SSOW#:	

480-171394 Chain of Custody

Preservation Codes:
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
J - DI Water
K - EDTA
L - EDA
Other:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list VOAs	6010C, 7470A	2540D - TSS	2540C_Calcd - TDS	9012B - Cyanide	1664B - Oil & Grease	Total Number of containers	Special Instructions/Note:
Preservation Code:							A	D	N	N	B	S		
TW-1 061720	6-17-20	1130	Grab	Water			X						3	*Metals
TW-2A 061720		1140		Water									3	Al, As, Ba, Cr, Cu,
TW-3 061720		1145		Water									3	Fe, Mn, Hg, Zn, Ni
Influent 061720		1135		Water				X	X	X	X	X	9	
Effluent 061720		1150		Water				X	X	X	X	X	9	
Trip Blank	—	—	—	Water									2	
				Water										

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:
Cc Report to Lindsay Mitchell@AECOM (Lindsay.Mitchell@aecom.com)

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/18/20 0210	PES	Mark Zadra	6/18/20 0710	Eurofins
2	Mark Zadra	6/18/20 1200	Eurofins	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: EX	Date/Time: 6/19/20 0800	Company JMB

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.2 #1

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-171394-1

Login Number: 171394

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	PES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 3-14-0080 Date: 6-3-20

Now Corp.

NYSDEC Division of Environmental Remediation	New York State Department of Environmental Conservation	NYSDEC Contract No. D011107

Site Location: ~~West Islip, New York~~ Staatsburg, NY

Superintendent:

NYSDEC PM: Payson Long

Consultant PM: John Johnson

Consultant Site Inspectors: Pat Sokolowski

Weather Conditions

General Description	Cloudy 60	AM		PM
Temperature	60s	AM		PM
Wind	None	AM		PM

Health & Safety

If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	(No)	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	(NA)
Were there any nuisance issues reported/observed on this date?	*Yes	No	(NA)

Health & Safety Comments

Summary of Work Performed	Arrived at site: 0845	Departed Site:	

- check on why hasn't sent status emails
- Resatted modem
- Weed wacked grass

Equipment/Material Tracking

If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	(NA)
Were there any vehicles which were not tarped?	* Yes	No	(NA)
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	(NA)

Personnel and Equipment

Individual	Company	Trade	Total Hours
Patrick Sokolowski	Arcadis	Tech	

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 3-14-008 Date: 6-3-20

Nav Corp.

Equipment Description	Contractor/Vendor	Quantity	Used

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

Nav Corp.

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No

Site Representatives

Name	Representing

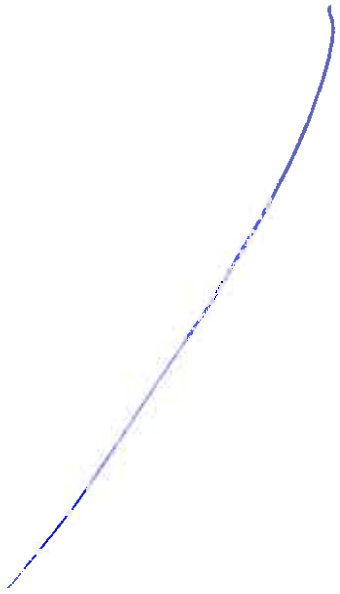
Project Schedule Comments

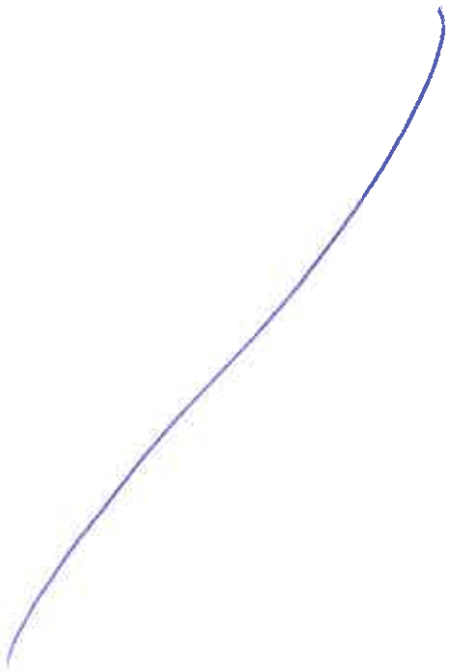
Issues Pending

Interaction with Public, Property Owners, Media, etc.

New Corp.

Include (insert) figures with markups showing location of work and job progress





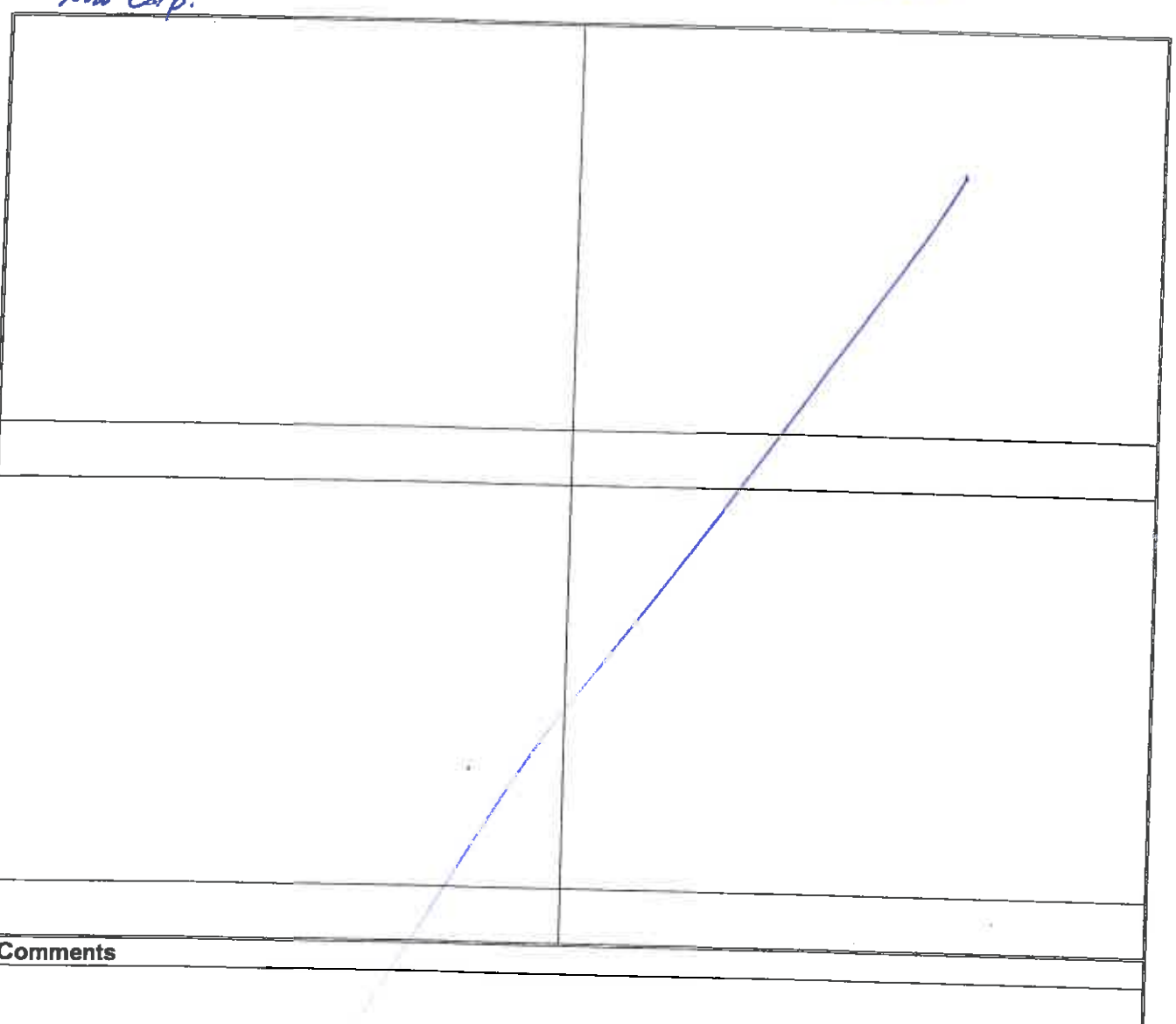
DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 3-14-008 Date: 6-3-20

New Corp.

Site Photographs (Descriptions Below)	

New Corp.



Comments

Site Inspector(s): **Date:**

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ☐	No ☐	NA ☑
Is the tail gate safety meeting held outdoors?	Yes ☐	No ☐	NA ☑
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	NA ☑
Were personal protective gloves, masks, and eye protection being used?	Yes ☑	No ☐	
Are sanitizing wipes, wash stations or spray available?	Yes ☑	No ☐	
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes ☐	No ☑	
Comments:			

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☑
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes ☐	No ☑
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes ☐	No ☑
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☑
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☑	No ☐
If Yes to <u>any</u> of 1-4 above: • If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. • If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry.	Yes ☐	No ☐
Comments:		

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☐	N/A ☒
Were there any odors detected on this date?	Yes ☐	No ☐	N/A ☒
Was noise outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A ☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A ☒
Was turbidity checked at the Montauk Highway outfall?	AM ☐	PM ☐	N/A ☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A ☒
Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A ☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A ☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A ☐
Comments:			

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 314008 Date: 6-17-20

Now Corp.

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

NYSDEC Contract No. D011107

Site Location: ~~West Islip, New York~~ Clinton, NJ

Superintendent:

NYSDEC PM: Payson Long

Consultant PM:

Consultant Site Inspectors: Pat Sokolowski (PES)

Weather Conditions

General Description		AM		PM
Temperature		AM		PM
Wind		AM		PM

Health & Safety

If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	(No)	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	(NA)
Were there any nuisance issues reported/observed on this date?	*Yes	No	(NA)

Health & Safety Comments

NONE

Summary of Work Performed	Arrived at site:	0800	Departed Site:	1230

- System check and sample
- weed whacked
- cleaned

Equipment/Material Tracking

If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA
Were there any vehicles which were not tarped?	*Yes	No	NA
Were there any vehicles which were not decontaminated prior to exiting the work site?	*Yes	No	NA

Personnel and Equipment

Individual	Company	Trade	Total Hours
Patrick Sokolowski	Precision	Tech	4.5 onsite

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 314008 Date: 6-17-20

Now Copp.

Equipment Description	Contractor/Vendor	Quantity	Used

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

NOW Corp.

Visitors to Site

NONE

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No

Site Representatives

Name	Representing

Project Schedule Comments

Issues Pending

Interaction with Public, Property Owners, Media, etc.

NONE

Include (insert) figures with markups showing location of work and job progress

Now Corp.

Site Photographs (Descriptions Below)

Now Corp

Comments	
Site Inspector(s):	**Date:**

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes ☐	No ☐	NA ☒
Is the tail gate safety meeting held outdoors?	Yes ☐	No ☐	NA ☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☒	No ☐	
Were personal protective gloves, masks, and eye protection being used?	Yes ☒	No ☐	
Are sanitizing wipes, wash stations or spray available?	Yes ☒	No ☐	
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes ☐	No ☒	
Comments:			

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes ☐	No ☒
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes ☐	No ☒
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☒	No ☐
If Yes to <u>any</u> of 1-4 above: • If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. • If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry.	Yes ☐	No ☐
Comments:		

Now Corp

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☐	N/A ☒
Were there any odors detected on this date?	Yes ☐	No ☐	N/A ☒
Was noise outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A ☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A ☒
Was turbidity checked at the Montauk Highway outfall?	AM ☐	PM ☐	N/A ☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A ☒
Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A ☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A ☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
Comments:			