

**Operation, Maintenance and Monitoring Report  
August 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

September 2020

September 29, 2020

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

**Re: NOW Corporation - Site No. 3-14-008  
O&M Summary Report: August 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 21-day period (**July 27, 2020 – August 17, 2020**).

With the exceptions noted below, if any, the pump and treat system was online and operational throughout the reporting period. Approximately 72,000 gallons of water were treated. Discharge from the treatment system averaged approximately 3,419 gallons per day (gpd).

As of the last day of the reporting period, a total of 119,667,454 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 August 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 1,060 µg/L; last month's value was 1,212 µg/L.

Table 2 presents operational data recorded on the sampling date.

Table 3 presents quarterly water levels measured in selected monitoring wells.

AECOM made three site visits to restart the system, clean the air stripper following receipt of elevated effluent results, conduct the required system inspection, perform scheduled maintenance and cleaning, and collect water samples. NYSDEC-required field documentation related to the COVID-19 (novel coronavirus) pandemic is attached for each site visit.

There were approximately two days of downtime during the reporting period between August 9 and 11, when the system was restarted manually. The pumps in the recovery wells were operational throughout the reporting period except for during the downtime. Details for the current period are as follows:

August 11 – Restarted the system following a brief shut-down, which was likely due to heavy storms and power outages in the area.

August 14 – Cleaned air stripper with RydLyme.

August 17 – Weed-whacked around the building. Cleaned the TW-2A flow meter which had not been operating properly. Performed monthly system inspection, cleaning, and influent and effluent sampling. Collected quarterly water level measurements.

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](mailto: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.

A handwritten signature in cursive script that reads "Lindsay Mitchell".

Lindsay Mitchell, P.E.  
Project Manager

**Table 1**  
**Summary of Influent and Effluent Data**  
**Sampling Date: August 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	
			TW-1	TW-2A	TW-3	(units)	
Quantity treated, avg per day		3,419				Monitor	gallons
pH	7.3	7.7				6.5 to 8.5	standard units
Oil and Grease	<b>4.8</b>	<b>13.4</b>	NA	NA	NA	15	mg/L
Total Cyanide	<0.01	<0.01	NA	NA	NA	0.01	mg/L
TDS	<b>396</b>	<b>392</b>	NA	NA	NA	1000	mg/L
TSS	<b>10.4</b>	<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	<b>110^</b>	<b>98^</b>	NA	NA	NA	Monitor	µg/L
Chromium	<b>7.8</b>	<4	NA	NA	NA	400	µg/L
Copper	<b>12</b>	<b>3.5 J</b>	NA	NA	NA	24	µg/L
Iron	<b>500</b>	<b>110</b>	NA	NA	NA	600	µg/L
Mercury	<0.2	<0.2	NA	NA	NA	0.8	µg/L
Manganese	<b>1700 B</b>	<b>70 B</b>	NA	NA	NA	Monitor	µg/L
Nickel	<b>37</b>	<b>1.3 J</b>	NA	NA	NA	200	µg/L
Zinc	<b>25</b>	<b>8.4 J</b>	NA	NA	NA	150	µg/L
1,1,1-Trichloroethane	<b>230</b>	<1	<b>1.2</b>	<b>410</b>	<b>4.1</b>	10	µg/L
1,1,2-Trichloroethane	<10	<1	<1	<10	<1	1.2	µg/L
1,1-Dichloroethane	<b>130</b>	<1	<b>33</b>	<b>210</b>	<b>6</b>	10	µg/L
1,1-Dichloroethene	<b>13</b>	<1	<b>8.6</b>	<b>16</b>	<1	0.5	µg/L
1,2-Dichloroethane	<10	<1	<1	<10	<1	1.6	µg/L
2-Butanone	<100	<10	<10	<100	<10	NL	µg/L
Benzene	<10	<1	<1	<10	<1	1.4	µg/L
Chlorobenzene	<10	<1	<1	<10	<1	10	µg/L
Chloroethane	<10	<1	<1	<10	<1	10	µg/L
cis-1,2-Dichloroethene	<b>11</b>	<1	<b>4</b>	<b>14</b>	<1	5	µg/L
Ethylbenzene	<10	<1	<1	<10	<1	10	µg/L
o-Xylene	<10	<1	<1	<10	<1	5	µg/L
m,p-Xylene	<20	<2	<2	<20	<2	10	µg/L
Tetrachloroethene	<10	<1	<1	<10	<1	1.4	µg/L
Tetrahydrofuran	NA	NA	NA	NA	NA	NL	µg/L
Toluene	<10	<1	<1	<10	<1	10	µg/L
Trichloroethene	<b>260</b>	<1	<b>45</b>	<b>410</b>	<b>11</b>	6	µg/L
Vinyl Chloride	<10	<1	<1	<10	<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) "**B**" denotes the compound was found in the blank and sample.
- 6) "^" indicates instrument related QC is outside acceptance limits.
- 7) NL indicates no effluent limitations are specified.

**Table 2**  
**Summary of August 2020 O&M Data**

**NOW Corporation Site**  
**Town of Clinton, New York**

<b>Instrumentation/Readings:</b>		<b>8/17/20</b>	<b>Units</b>
<b><i>TW-1</i></b>			
	Pumping Rate	0	GPM
	Water Level Above Transducer	14.92	feet
	Flow Meter Reading	9,378,760	gallons
	Pump Pressure	0	psi
<b><i>TW-2A</i></b>			
	Pumping Rate	5	GPM
	Water Level Above Transducer	15.48	feet
	Flow Meter Reading	22,728,219	gallons
	Pump Pressure	0	psi
<b><i>TW-3</i></b>			
	Pumping Rate	2	GPM
	Water Level Above Transducer	79.55	feet
	Flow Meter Reading	16,982,864	gallons
	Pump Pressure	0	psi
<b><i>VFD Setting</i></b>			
	Arrival	55	Hz
	Departure	55	Hz
<b><i>Air Stripper</i></b>			
	Stripper Blower Pressure	10	inches H <sub>2</sub> O
	Air Temperature in Stripper	60	°F
<b><i>Effluent Flow</i></b>			
	Effluent Flow this period	71,803	gallons
	Total Effluent Flow	119,667,454	gallons

**Table 3**  
**Groundwater Levels**  
**NOW Corporation Site**  
**NYSDEC Site No. 3-14-008**  
**Town of Clinton, New York**

Well ID	MP	8/17/20	
	Elevation	Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	15.05	274.45
MW-2	332.51	32.19	300.32
MW-3	312.83	34.12	278.71
MW-3S	312.51	28.32	284.19
MW-4S	298.29	25.58	272.71
MW-4D	298.16	24.40	273.76
MW-5	285.48	20.42	265.06
MW-6S	287.90	14.15	273.75
MW-6D	287.25	12.61	274.64
MW-7S	292.12	31.54	260.58
MW-7D	292.54	22.20	270.34
OW-1	307.75	49.66	258.09
OW-2	305.96	72.21	233.75
OW-3	NA	--	NA
OW-4	NA	--	NA
OW-5	NA	--	NA
OW-6	294.81	11.13	283.68
IW-1	312.46	39.00	273.46
IW-2	304.56	41.65	262.91
MW-8	283.65	--	NA
MW-9	275.37	--	NA
MW-10	280.92	--	NA
MW-11	283.72	--	NA
MW-12S	NA	--	NA
MW-12D	NA	--	NA

*Note: NA indicates data are not available.*

*MP denotes measuring point.*

*-- denotes that measurements were not collected.*



## ANALYTICAL REPORT

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

Laboratory Job ID: 480-173949-1  
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



Authorized for release by:  
8/25/2020 3:55:16 PM

Judy Stone, Senior Project Manager  
(484)685-0868  
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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

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



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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.



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Judy Stone  
Senior Project Manager  
8/25/2020 3:55:16 PM



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Detection Summary . . . . .	6
Client Sample Results . . . . .	8
Surrogate Summary . . . . .	20
QC Sample Results . . . . .	21
QC Association Summary . . . . .	29
Lab Chronicle . . . . .	31
Certification Summary . . . . .	33
Method Summary . . . . .	34
Sample Summary . . . . .	35
Chain of Custody . . . . .	36
Receipt Checklists . . . . .	37

## Definitions/Glossary

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

Job ID: 480-173949-1

### Qualifiers

#### Metals

Qualifier	Qualifier Description
A	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
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

# Case Narrative

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

Job ID: 480-173949-1

## Job ID: 480-173949-1

Laboratory: Eurofins TestAmerica, Buffalo

### Narrative

#### Job Narrative 480-173949-1

#### Receipt

The samples were received on 8/19/2020 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 3.1° C.

#### GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: INF 081720 (480-173949-1), TW-2A 081720 (480-173949-4), (480-173949-G-1 MS) and (480-173949-G-1 MSD). Elevated reporting limits (RLs) are provided.

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

#### Metals

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. INF 081720 (480-173949-1), EFF 55 081720 (480-173949-2), (LCS 480-545970/2-A), (LCSD 480-545970/25-A) and (MB 480-545970/1-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.

## Detection Summary

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

Job ID: 480-173949-1

### Client Sample ID: INF 081720

### Lab Sample ID: 480-173949-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	230		10	8.2	ug/L	10		8260C	Total/NA
1,1-Dichloroethane	130		10	3.8	ug/L	10		8260C	Total/NA
1,1-Dichloroethene	13		10	2.9	ug/L	10		8260C	Total/NA
cis-1,2-Dichloroethene	11		10	8.1	ug/L	10		8260C	Total/NA
Trichloroethene	260		10	4.6	ug/L	10		8260C	Total/NA
Barium	0.11	^	0.0020	0.00070	mg/L	1		6010C	Total/NA
Chromium	0.0078		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.012		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.50		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	1.7	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.037		0.010	0.0013	mg/L	1		6010C	Total/NA
Zinc	0.025		0.010	0.0015	mg/L	1		6010C	Total/NA
Oil & Grease	4.8		4.8	1.4	mg/L	1		1664B	Total/NA
Total Dissolved Solids	396		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	10.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA

### Client Sample ID: EFF 55 081720

### Lab Sample ID: 480-173949-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.098	^	0.0020	0.00070	mg/L	1		6010C	Total/NA
Copper	0.0035	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.11		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.070	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0013	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Zinc	0.0084	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Oil & Grease	13.4		4.9	1.4	mg/L	1		1664B	Total/NA
Total Dissolved Solids	392		10.0	4.0	mg/L	1		SM 2540C	Total/NA

### Client Sample ID: TW-1 081720

### Lab Sample ID: 480-173949-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.2		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	33		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	8.6		1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	4.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	45		1.0	0.46	ug/L	1		8260C	Total/NA

### Client Sample ID: TW-2A 081720

### Lab Sample ID: 480-173949-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	410		10	8.2	ug/L	10		8260C	Total/NA
1,1-Dichloroethane	210		10	3.8	ug/L	10		8260C	Total/NA
1,1-Dichloroethene	16		10	2.9	ug/L	10		8260C	Total/NA
cis-1,2-Dichloroethene	14		10	8.1	ug/L	10		8260C	Total/NA
Trichloroethene	410		10	4.6	ug/L	10		8260C	Total/NA

### Client Sample ID: TW-3 081720

### Lab Sample ID: 480-173949-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.1		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	6.0		1.0	0.38	ug/L	1		8260C	Total/NA
Trichloroethene	11		1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

## Detection Summary

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

Job ID: 480-173949-1

**Client Sample ID: TB 081720**

**Lab Sample ID: 480-173949-6**

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: INF 081720

Lab Sample ID: 480-173949-1

Date Collected: 08/17/20 13:35

Matrix: Water

Date Received: 08/19/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>1,1,1-Trichloroethane</b>	<b>230</b>		10	8.2	ug/L			08/20/20 23:15	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/20/20 23:15	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/20/20 23:15	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/20/20 23:15	10
<b>1,1-Dichloroethane</b>	<b>130</b>		10	3.8	ug/L			08/20/20 23:15	10
<b>1,1-Dichloroethene</b>	<b>13</b>		10	2.9	ug/L			08/20/20 23:15	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			08/20/20 23:15	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/20/20 23:15	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/20/20 23:15	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/20/20 23:15	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/20/20 23:15	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/20/20 23:15	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			08/20/20 23:15	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			08/20/20 23:15	10
2-Butanone (MEK)	ND		100	13	ug/L			08/20/20 23:15	10
2-Hexanone	ND		50	12	ug/L			08/20/20 23:15	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/20/20 23:15	10
Acetone	ND		100	30	ug/L			08/20/20 23:15	10
Benzene	ND		10	4.1	ug/L			08/20/20 23:15	10
Bromodichloromethane	ND		10	3.9	ug/L			08/20/20 23:15	10
Bromoform	ND		10	2.6	ug/L			08/20/20 23:15	10
Bromomethane	ND		10	6.9	ug/L			08/20/20 23:15	10
Carbon disulfide	ND		10	1.9	ug/L			08/20/20 23:15	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/20/20 23:15	10
Chlorobenzene	ND		10	7.5	ug/L			08/20/20 23:15	10
Chloroethane	ND		10	3.2	ug/L			08/20/20 23:15	10
Chloroform	ND		10	3.4	ug/L			08/20/20 23:15	10
Chloromethane	ND		10	3.5	ug/L			08/20/20 23:15	10
<b>cis-1,2-Dichloroethene</b>	<b>11</b>		10	8.1	ug/L			08/20/20 23:15	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/20/20 23:15	10
Cyclohexane	ND		10	1.8	ug/L			08/20/20 23:15	10
Dibromochloromethane	ND		10	3.2	ug/L			08/20/20 23:15	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/20/20 23:15	10
Ethylbenzene	ND		10	7.4	ug/L			08/20/20 23:15	10
Isopropylbenzene	ND		10	7.9	ug/L			08/20/20 23:15	10
m,p-Xylene	ND		20	6.6	ug/L			08/20/20 23:15	10
Methyl acetate	ND		25	13	ug/L			08/20/20 23:15	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/20/20 23:15	10
Methylcyclohexane	ND		10	1.6	ug/L			08/20/20 23:15	10
Methylene Chloride	ND		10	4.4	ug/L			08/20/20 23:15	10
o-Xylene	ND		10	7.6	ug/L			08/20/20 23:15	10
Styrene	ND		10	7.3	ug/L			08/20/20 23:15	10
Tetrachloroethene	ND		10	3.6	ug/L			08/20/20 23:15	10
Toluene	ND		10	5.1	ug/L			08/20/20 23:15	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/20/20 23:15	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/20/20 23:15	10
<b>Trichloroethene</b>	<b>260</b>		10	4.6	ug/L			08/20/20 23:15	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/20/20 23:15	10
Vinyl chloride	ND		10	9.0	ug/L			08/20/20 23:15	10

Eurofins TestAmerica, Buffalo

# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: INF 081720

Lab Sample ID: 480-173949-1

Date Collected: 08/17/20 13:35

Matrix: Water

Date Received: 08/19/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		20	6.6	ug/L			08/20/20 23:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					08/20/20 23:15	10
4-Bromofluorobenzene (Surr)	96		73 - 120					08/20/20 23:15	10
Dibromofluoromethane (Surr)	100		75 - 123					08/20/20 23:15	10
Toluene-d8 (Surr)	101		80 - 120					08/20/20 23:15	10

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/20/20 10:25	08/21/20 14:57	1
Arsenic	ND		0.015	0.0056	mg/L		08/20/20 10:25	08/21/20 14:57	1
Barium	0.11	A	0.0020	0.00070	mg/L		08/20/20 10:25	08/21/20 14:57	1
Chromium	0.0078		0.0040	0.0010	mg/L		08/20/20 10:25	08/21/20 14:57	1
Copper	0.012		0.010	0.0016	mg/L		08/20/20 10:25	08/21/20 14:57	1
Iron	0.50		0.050	0.019	mg/L		08/20/20 10:25	08/21/20 14:57	1
Manganese	1.7	B	0.0030	0.00040	mg/L		08/20/20 10:25	08/21/20 14:57	1
Nickel	0.037		0.010	0.0013	mg/L		08/20/20 10:25	08/21/20 14:57	1
Zinc	0.025		0.010	0.0015	mg/L		08/20/20 10:25	08/21/20 14:57	1

## Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/21/20 12:37	08/21/20 15:59	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	4.8		4.8	1.4	mg/L		08/24/20 17:18	08/24/20 19:52	1
Cyanide, Total	ND		0.010	0.0050	mg/L		08/21/20 14:04	08/22/20 15:06	1
Total Dissolved Solids	396		10.0	4.0	mg/L			08/19/20 16:39	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	10.4		4.0	4.0	mg/L			08/19/20 14:01	1



# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: EFF 55 081720

Lab Sample ID: 480-173949-2

Date Collected: 08/17/20 13:50

Matrix: Water

Date Received: 08/19/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/20/20 23:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/20 23:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/20 23:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/20 23:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/20 23:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/20 23:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/20 23:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/20 23:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/20 23:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/20/20 23:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/20 23:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/20 23:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/20/20 23:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/20/20 23:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/20 23:37	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/20 23:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/20 23:37	1
Acetone	ND		10	3.0	ug/L			08/20/20 23:37	1
Benzene	ND		1.0	0.41	ug/L			08/20/20 23:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/20/20 23:37	1
Bromoform	ND		1.0	0.26	ug/L			08/20/20 23:37	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/20 23:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/20 23:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/20/20 23:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/20/20 23:37	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/20 23:37	1
Chloroform	ND		1.0	0.34	ug/L			08/20/20 23:37	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/20 23:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/20 23:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/20 23:37	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/20 23:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/20/20 23:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/20 23:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/20 23:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/20 23:37	1
m,p-Xylene	ND		2.0	0.66	ug/L			08/20/20 23:37	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/20 23:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/20 23:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/20 23:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/20 23:37	1
o-Xylene	ND		1.0	0.76	ug/L			08/20/20 23:37	1
Styrene	ND		1.0	0.73	ug/L			08/20/20 23:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/20 23:37	1
Toluene	ND		1.0	0.51	ug/L			08/20/20 23:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/20 23:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/20 23:37	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/20 23:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/20 23:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/20 23:37	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: EFF 55 081720

Lab Sample ID: 480-173949-2

Date Collected: 08/17/20 13:50

Matrix: Water

Date Received: 08/19/20 08:00

## 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			08/20/20 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					08/20/20 23:37	1
4-Bromofluorobenzene (Surr)	97		73 - 120					08/20/20 23:37	1
Dibromofluoromethane (Surr)	99		75 - 123					08/20/20 23:37	1
Toluene-d8 (Surr)	98		80 - 120					08/20/20 23:37	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/20/20 10:25	08/21/20 15:01	1
Arsenic	ND		0.015	0.0056	mg/L		08/20/20 10:25	08/21/20 15:01	1
Barium	0.098	^	0.0020	0.00070	mg/L		08/20/20 10:25	08/21/20 15:01	1
Chromium	ND		0.0040	0.0010	mg/L		08/20/20 10:25	08/21/20 15:01	1
Copper	0.0035	J	0.010	0.0016	mg/L		08/20/20 10:25	08/21/20 15:01	1
Iron	0.11		0.050	0.019	mg/L		08/20/20 10:25	08/21/20 15:01	1
Manganese	0.070	B	0.0030	0.00040	mg/L		08/20/20 10:25	08/21/20 15:01	1
Nickel	0.0013	J	0.010	0.0013	mg/L		08/20/20 10:25	08/21/20 15:01	1
Zinc	0.0084	J	0.010	0.0015	mg/L		08/20/20 10:25	08/21/20 15:01	1

## Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/21/20 12:37	08/21/20 16:00	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	13.4		4.9	1.4	mg/L		08/24/20 17:18	08/24/20 19:52	1
Cyanide, Total	ND		0.010	0.0050	mg/L		08/21/20 14:04	08/22/20 15:07	1
Total Dissolved Solids	392		10.0	4.0	mg/L			08/19/20 16:39	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			08/19/20 14:01	1

# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: TW-1 081720

Lab Sample ID: 480-173949-3

Date Collected: 08/17/20 13:30

Matrix: Water

Date Received: 08/19/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.2		1.0	0.82	ug/L			08/21/20 00:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/21/20 00:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/21/20 00:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/21/20 00:00	1
1,1-Dichloroethane	33		1.0	0.38	ug/L			08/21/20 00:00	1
1,1-Dichloroethene	8.6		1.0	0.29	ug/L			08/21/20 00:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/21/20 00:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/21/20 00:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/21/20 00:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/21/20 00:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/21/20 00:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/21/20 00:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/21/20 00:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/21/20 00:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/21/20 00:00	1
2-Hexanone	ND		5.0	1.2	ug/L			08/21/20 00:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/21/20 00:00	1
Acetone	ND		10	3.0	ug/L			08/21/20 00:00	1
Benzene	ND		1.0	0.41	ug/L			08/21/20 00:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/21/20 00:00	1
Bromoform	ND		1.0	0.26	ug/L			08/21/20 00:00	1
Bromomethane	ND		1.0	0.69	ug/L			08/21/20 00:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/21/20 00:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/21/20 00:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/21/20 00:00	1
Chloroethane	ND		1.0	0.32	ug/L			08/21/20 00:00	1
Chloroform	ND		1.0	0.34	ug/L			08/21/20 00:00	1
Chloromethane	ND		1.0	0.35	ug/L			08/21/20 00:00	1
cis-1,2-Dichloroethene	4.0		1.0	0.81	ug/L			08/21/20 00:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/21/20 00:00	1
Cyclohexane	ND		1.0	0.18	ug/L			08/21/20 00:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/21/20 00:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/21/20 00:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/20 00:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/21/20 00:00	1
m,p-Xylene	ND		2.0	0.66	ug/L			08/21/20 00:00	1
Methyl acetate	ND		2.5	1.3	ug/L			08/21/20 00:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/21/20 00:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/21/20 00:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/21/20 00:00	1
o-Xylene	ND		1.0	0.76	ug/L			08/21/20 00:00	1
Styrene	ND		1.0	0.73	ug/L			08/21/20 00:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/21/20 00:00	1
Toluene	ND		1.0	0.51	ug/L			08/21/20 00:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/21/20 00:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/21/20 00:00	1
Trichloroethene	45		1.0	0.46	ug/L			08/21/20 00:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/21/20 00:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/21/20 00:00	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

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

Job ID: 480-173949-1

**Client Sample ID: TW-1 081720**

**Lab Sample ID: 480-173949-3**

**Date Collected: 08/17/20 13:30**

**Matrix: Water**

**Date Received: 08/19/20 08:00**

## 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			08/21/20 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					08/21/20 00:00	1
4-Bromofluorobenzene (Surr)	98		73 - 120					08/21/20 00:00	1
Dibromofluoromethane (Surr)	101		75 - 123					08/21/20 00:00	1
Toluene-d8 (Surr)	100		80 - 120					08/21/20 00:00	1

# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: TW-2A 081720

Lab Sample ID: 480-173949-4

Date Collected: 08/17/20 13:40

Matrix: Water

Date Received: 08/19/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	410		10	8.2	ug/L			08/21/20 00:24	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/21/20 00:24	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/21/20 00:24	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/21/20 00:24	10
1,1-Dichloroethane	210		10	3.8	ug/L			08/21/20 00:24	10
1,1-Dichloroethene	16		10	2.9	ug/L			08/21/20 00:24	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			08/21/20 00:24	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/21/20 00:24	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/21/20 00:24	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/21/20 00:24	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/21/20 00:24	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/21/20 00:24	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			08/21/20 00:24	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			08/21/20 00:24	10
2-Butanone (MEK)	ND		100	13	ug/L			08/21/20 00:24	10
2-Hexanone	ND		50	12	ug/L			08/21/20 00:24	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/21/20 00:24	10
Acetone	ND		100	30	ug/L			08/21/20 00:24	10
Benzene	ND		10	4.1	ug/L			08/21/20 00:24	10
Bromodichloromethane	ND		10	3.9	ug/L			08/21/20 00:24	10
Bromoform	ND		10	2.6	ug/L			08/21/20 00:24	10
Bromomethane	ND		10	6.9	ug/L			08/21/20 00:24	10
Carbon disulfide	ND		10	1.9	ug/L			08/21/20 00:24	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/21/20 00:24	10
Chlorobenzene	ND		10	7.5	ug/L			08/21/20 00:24	10
Chloroethane	ND		10	3.2	ug/L			08/21/20 00:24	10
Chloroform	ND		10	3.4	ug/L			08/21/20 00:24	10
Chloromethane	ND		10	3.5	ug/L			08/21/20 00:24	10
cis-1,2-Dichloroethene	14		10	8.1	ug/L			08/21/20 00:24	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/21/20 00:24	10
Cyclohexane	ND		10	1.8	ug/L			08/21/20 00:24	10
Dibromochloromethane	ND		10	3.2	ug/L			08/21/20 00:24	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/21/20 00:24	10
Ethylbenzene	ND		10	7.4	ug/L			08/21/20 00:24	10
Isopropylbenzene	ND		10	7.9	ug/L			08/21/20 00:24	10
m,p-Xylene	ND		20	6.6	ug/L			08/21/20 00:24	10
Methyl acetate	ND		25	13	ug/L			08/21/20 00:24	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/21/20 00:24	10
Methylcyclohexane	ND		10	1.6	ug/L			08/21/20 00:24	10
Methylene Chloride	ND		10	4.4	ug/L			08/21/20 00:24	10
o-Xylene	ND		10	7.6	ug/L			08/21/20 00:24	10
Styrene	ND		10	7.3	ug/L			08/21/20 00:24	10
Tetrachloroethene	ND		10	3.6	ug/L			08/21/20 00:24	10
Toluene	ND		10	5.1	ug/L			08/21/20 00:24	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/21/20 00:24	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/21/20 00:24	10
Trichloroethene	410		10	4.6	ug/L			08/21/20 00:24	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/21/20 00:24	10
Vinyl chloride	ND		10	9.0	ug/L			08/21/20 00:24	10

Eurofins TestAmerica, Buffalo

# Client Sample Results

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

Job ID: 480-173949-1

**Client Sample ID: TW-2A 081720**

**Lab Sample ID: 480-173949-4**

**Date Collected: 08/17/20 13:40**

**Matrix: Water**

**Date Received: 08/19/20 08:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		20	6.6	ug/L			08/21/20 00:24	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					08/21/20 00:24	10
4-Bromofluorobenzene (Surr)	94		73 - 120					08/21/20 00:24	10
Dibromofluoromethane (Surr)	102		75 - 123					08/21/20 00:24	10
Toluene-d8 (Surr)	100		80 - 120					08/21/20 00:24	10

# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: TW-3 081720

Lab Sample ID: 480-173949-5

Date Collected: 08/17/20 13:45

Matrix: Water

Date Received: 08/19/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>1,1,1-Trichloroethane</b>	<b>4.1</b>		1.0	0.82	ug/L			08/21/20 00:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/21/20 00:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/21/20 00:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/21/20 00:47	1
<b>1,1-Dichloroethane</b>	<b>6.0</b>		1.0	0.38	ug/L			08/21/20 00:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/21/20 00:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/21/20 00:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/21/20 00:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/21/20 00:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/21/20 00:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/21/20 00:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/21/20 00:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/21/20 00:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/21/20 00:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/21/20 00:47	1
2-Hexanone	ND		5.0	1.2	ug/L			08/21/20 00:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/21/20 00:47	1
Acetone	ND		10	3.0	ug/L			08/21/20 00:47	1
Benzene	ND		1.0	0.41	ug/L			08/21/20 00:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/21/20 00:47	1
Bromoform	ND		1.0	0.26	ug/L			08/21/20 00:47	1
Bromomethane	ND		1.0	0.69	ug/L			08/21/20 00:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/21/20 00:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/21/20 00:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/21/20 00:47	1
Chloroethane	ND		1.0	0.32	ug/L			08/21/20 00:47	1
Chloroform	ND		1.0	0.34	ug/L			08/21/20 00:47	1
Chloromethane	ND		1.0	0.35	ug/L			08/21/20 00:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/21/20 00:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/21/20 00:47	1
Cyclohexane	ND		1.0	0.18	ug/L			08/21/20 00:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/21/20 00:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/21/20 00:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/20 00:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/21/20 00:47	1
m,p-Xylene	ND		2.0	0.66	ug/L			08/21/20 00:47	1
Methyl acetate	ND		2.5	1.3	ug/L			08/21/20 00:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/21/20 00:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/21/20 00:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/21/20 00:47	1
o-Xylene	ND		1.0	0.76	ug/L			08/21/20 00:47	1
Styrene	ND		1.0	0.73	ug/L			08/21/20 00:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/21/20 00:47	1
Toluene	ND		1.0	0.51	ug/L			08/21/20 00:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/21/20 00:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/21/20 00:47	1
<b>Trichloroethene</b>	<b>11</b>		1.0	0.46	ug/L			08/21/20 00:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/21/20 00:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/21/20 00:47	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: TW-3 081720

Lab Sample ID: 480-173949-5

Date Collected: 08/17/20 13:45

Matrix: Water

Date Received: 08/19/20 08:00

## 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			08/21/20 00:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					08/21/20 00:47	1
4-Bromofluorobenzene (Surr)	98		73 - 120					08/21/20 00:47	1
Dibromofluoromethane (Surr)	100		75 - 123					08/21/20 00:47	1
Toluene-d8 (Surr)	100		80 - 120					08/21/20 00:47	1



# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: TB 081720

Lab Sample ID: 480-173949-6

Date Collected: 08/13/20 00:00

Matrix: Water

Date Received: 08/19/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/21/20 01:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/21/20 01:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/21/20 01:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/21/20 01:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/21/20 01:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/21/20 01:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/21/20 01:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/21/20 01:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/21/20 01:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/21/20 01:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/21/20 01:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/21/20 01:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/21/20 01:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/21/20 01:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/21/20 01:10	1
2-Hexanone	ND		5.0	1.2	ug/L			08/21/20 01:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/21/20 01:10	1
Acetone	ND		10	3.0	ug/L			08/21/20 01:10	1
Benzene	ND		1.0	0.41	ug/L			08/21/20 01:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/21/20 01:10	1
Bromoform	ND		1.0	0.26	ug/L			08/21/20 01:10	1
Bromomethane	ND		1.0	0.69	ug/L			08/21/20 01:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/21/20 01:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/21/20 01:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/21/20 01:10	1
Chloroethane	ND		1.0	0.32	ug/L			08/21/20 01:10	1
Chloroform	ND		1.0	0.34	ug/L			08/21/20 01:10	1
Chloromethane	ND		1.0	0.35	ug/L			08/21/20 01:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/21/20 01:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/21/20 01:10	1
Cyclohexane	ND		1.0	0.18	ug/L			08/21/20 01:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/21/20 01:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/21/20 01:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/20 01:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/21/20 01:10	1
m,p-Xylene	ND		2.0	0.66	ug/L			08/21/20 01:10	1
Methyl acetate	ND		2.5	1.3	ug/L			08/21/20 01:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/21/20 01:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/21/20 01:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/21/20 01:10	1
o-Xylene	ND		1.0	0.76	ug/L			08/21/20 01:10	1
Styrene	ND		1.0	0.73	ug/L			08/21/20 01:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/21/20 01:10	1
Toluene	ND		1.0	0.51	ug/L			08/21/20 01:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/21/20 01:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/21/20 01:10	1
Trichloroethene	ND		1.0	0.46	ug/L			08/21/20 01:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/21/20 01:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/21/20 01:10	1

Eurofins TestAmerica, Buffalo

# Client Sample Results

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

Job ID: 480-173949-1

Client Sample ID: TB 081720

Lab Sample ID: 480-173949-6

Date Collected: 08/13/20 00:00

Matrix: Water

Date Received: 08/19/20 08:00

## 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			08/21/20 01:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					08/21/20 01:10	1
4-Bromofluorobenzene (Surr)	97		73 - 120					08/21/20 01:10	1
Dibromofluoromethane (Surr)	101		75 - 123					08/21/20 01:10	1
Toluene-d8 (Surr)	100		80 - 120					08/21/20 01:10	1

## Surrogate Summary

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

Job ID: 480-173949-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	DBFM (75-123)	TOL (80-120)
480-173949-1	INF 081720	98	96	100	101
480-173949-1 MS	INF 081720	98	99	100	100
480-173949-1 MSD	INF 081720	98	100	99	101
480-173949-2	EFF 55 081720	100	97	99	98
480-173949-3	TW-1 081720	100	98	101	100
480-173949-4	TW-2A 081720	99	94	102	100
480-173949-5	TW-3 081720	99	98	100	100
480-173949-6	TB 081720	99	97	101	100
LCS 480-546121/6	Lab Control Sample	99	100	99	100
MB 480-546121/9	Method Blank	99	96	99	101

#### Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

# QC Sample Results

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

Job ID: 480-173949-1

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

Lab Sample ID: MB 480-546121/9

Matrix: Water

Analysis Batch: 546121

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/20/20 22:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/20/20 22:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/20/20 22:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/20/20 22:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/20/20 22:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/20/20 22:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/20/20 22:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/20/20 22:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/20/20 22:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/20/20 22:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/20/20 22:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/20/20 22:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/20/20 22:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/20/20 22:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/20/20 22:52	1
2-Hexanone	ND		5.0	1.2	ug/L			08/20/20 22:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/20/20 22:52	1
Acetone	ND		10	3.0	ug/L			08/20/20 22:52	1
Benzene	ND		1.0	0.41	ug/L			08/20/20 22:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/20/20 22:52	1
Bromoform	ND		1.0	0.26	ug/L			08/20/20 22:52	1
Bromomethane	ND		1.0	0.69	ug/L			08/20/20 22:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/20/20 22:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/20/20 22:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/20/20 22:52	1
Chloroethane	ND		1.0	0.32	ug/L			08/20/20 22:52	1
Chloroform	ND		1.0	0.34	ug/L			08/20/20 22:52	1
Chloromethane	ND		1.0	0.35	ug/L			08/20/20 22:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/20/20 22:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/20/20 22:52	1
Cyclohexane	ND		1.0	0.18	ug/L			08/20/20 22:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/20/20 22:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/20/20 22:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/20/20 22:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/20/20 22:52	1
m,p-Xylene	ND		2.0	0.66	ug/L			08/20/20 22:52	1
Methyl acetate	ND		2.5	1.3	ug/L			08/20/20 22:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/20/20 22:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/20/20 22:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/20/20 22:52	1
o-Xylene	ND		1.0	0.76	ug/L			08/20/20 22:52	1
Styrene	ND		1.0	0.73	ug/L			08/20/20 22:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/20/20 22:52	1
Toluene	ND		1.0	0.51	ug/L			08/20/20 22:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/20/20 22:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/20/20 22:52	1
Trichloroethene	ND		1.0	0.46	ug/L			08/20/20 22:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/20/20 22:52	1

Eurofins TestAmerica, Buffalo

# QC Sample Results

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

Job ID: 480-173949-1

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

Lab Sample ID: MB 480-546121/9

Matrix: Water

Analysis Batch: 546121

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.90	ug/L			08/20/20 22:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/20/20 22:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					08/20/20 22:52	1
4-Bromofluorobenzene (Surr)	96		73 - 120					08/20/20 22:52	1
Dibromofluoromethane (Surr)	99		75 - 123					08/20/20 22:52	1
Toluene-d8 (Surr)	101		80 - 120					08/20/20 22:52	1

Lab Sample ID: LCS 480-546121/6

Matrix: Water

Analysis Batch: 546121

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.3		ug/L		105	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.4		ug/L		89	61 - 148
1,1,2-Trichloroethane	25.0	26.6		ug/L		106	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		105	77 - 120
1,1-Dichloroethene	25.0	24.0		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		103	56 - 134
1,2-Dibromoethane	25.0	26.8		ug/L		107	77 - 120
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	26.6		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 120
2-Butanone (MEK)	125	141		ug/L		113	57 - 140
2-Hexanone	125	136		ug/L		109	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	131		ug/L		105	56 - 142
Benzene	25.0	25.9		ug/L		104	71 - 124
Bromodichloromethane	25.0	26.0		ug/L		104	80 - 122
Bromoform	25.0	26.6		ug/L		106	61 - 132
Bromomethane	25.0	24.5		ug/L		98	55 - 144
Carbon disulfide	25.0	25.2		ug/L		101	59 - 134
Carbon tetrachloride	25.0	22.4		ug/L		90	72 - 134
Chlorobenzene	25.0	25.9		ug/L		103	80 - 120
Chloroethane	25.0	21.4		ug/L		86	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	24.5		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Cyclohexane	25.0	24.1		ug/L		96	59 - 135
Dibromochloromethane	25.0	27.5		ug/L		110	75 - 125
Dichlorodifluoromethane	25.0	19.4		ug/L		77	59 - 135
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123

Eurofins TestAmerica, Buffalo

# QC Sample Results

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

Job ID: 480-173949-1

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

Lab Sample ID: LCS 480-546121/6

Matrix: Water

Analysis Batch: 546121

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	25.0	25.2		ug/L		101	77 - 122
m,p-Xylene	25.0	25.6		ug/L		102	76 - 122
Methyl acetate	50.0	52.4		ug/L		105	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	77 - 120
Methylcyclohexane	25.0	22.4		ug/L		90	68 - 134
Methylene Chloride	25.0	25.5		ug/L		102	75 - 124
o-Xylene	25.0	26.0		ug/L		104	76 - 122
Styrene	25.0	25.7		ug/L		103	80 - 120
Tetrachloroethene	25.0	24.4		ug/L		98	74 - 122
Toluene	25.0	25.8		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	26.5		ug/L		106	80 - 120
Trichloroethene	25.0	25.2		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	20.6		ug/L		82	62 - 150
Vinyl chloride	25.0	21.3		ug/L		85	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	99		75 - 123
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 480-173949-1 MS

Matrix: Water

Analysis Batch: 546121

Client Sample ID: INF 081720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	230		250	460		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	270		ug/L		108	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	247		ug/L		99	61 - 148
1,1,2-Trichloroethane	ND		250	272		ug/L		109	76 - 122
1,1-Dichloroethane	130		250	396		ug/L		106	77 - 120
1,1-Dichloroethene	13		250	269		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	ND		250	251		ug/L		100	79 - 122
1,2-Dibromo-3-Chloropropane	ND		250	264		ug/L		106	56 - 134
1,2-Dibromoethane	ND		250	272		ug/L		109	77 - 120
1,2-Dichlorobenzene	ND		250	265		ug/L		106	80 - 124
1,2-Dichloroethane	ND		250	252		ug/L		101	75 - 120
1,2-Dichloropropane	ND		250	276		ug/L		110	76 - 120
1,3-Dichlorobenzene	ND		250	261		ug/L		104	77 - 120
1,4-Dichlorobenzene	ND		250	257		ug/L		103	78 - 124
2-Butanone (MEK)	ND		1250	1400		ug/L		112	57 - 140
2-Hexanone	ND		1250	1380		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1400		ug/L		112	71 - 125
Acetone	ND		1250	1340		ug/L		107	56 - 142
Benzene	ND		250	274		ug/L		110	71 - 124
Bromodichloromethane	ND		250	268		ug/L		107	80 - 122
Bromoform	ND		250	263		ug/L		105	61 - 132

Eurofins TestAmerica, Buffalo

# QC Sample Results

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

Job ID: 480-173949-1

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

Lab Sample ID: 480-173949-1 MS

Matrix: Water

Analysis Batch: 546121

Client Sample ID: INF 081720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	ND		250	260		ug/L		104	55 - 144
Carbon disulfide	ND		250	263		ug/L		105	59 - 134
Carbon tetrachloride	ND		250	242		ug/L		97	72 - 134
Chlorobenzene	ND		250	269		ug/L		107	80 - 120
Chloroethane	ND		250	230		ug/L		92	69 - 136
Chloroform	ND		250	247		ug/L		99	73 - 127
Chloromethane	ND		250	270		ug/L		108	68 - 124
cis-1,2-Dichloroethene	11		250	278		ug/L		107	74 - 124
cis-1,3-Dichloropropene	ND		250	251		ug/L		100	74 - 124
Cyclohexane	ND		250	256		ug/L		102	59 - 135
Dibromochloromethane	ND		250	278		ug/L		111	75 - 125
Dichlorodifluoromethane	ND		250	212		ug/L		85	59 - 135
Ethylbenzene	ND		250	271		ug/L		108	77 - 123
Isopropylbenzene	ND		250	263		ug/L		105	77 - 122
m,p-Xylene	ND		250	275		ug/L		110	76 - 122
Methyl acetate	ND		500	539		ug/L		108	74 - 133
Methyl tert-butyl ether	ND		250	255		ug/L		102	77 - 120
Methylcyclohexane	ND		250	231		ug/L		92	68 - 134
Methylene Chloride	ND		250	265		ug/L		106	75 - 124
o-Xylene	ND		250	271		ug/L		109	76 - 122
Styrene	ND		250	265		ug/L		106	80 - 120
Tetrachloroethene	ND		250	251		ug/L		100	74 - 122
Toluene	ND		250	274		ug/L		109	80 - 122
trans-1,2-Dichloroethene	ND		250	265		ug/L		106	73 - 127
trans-1,3-Dichloropropene	ND		250	261		ug/L		104	80 - 120
Trichloroethene	260		250	496		ug/L		96	74 - 123
Trichlorofluoromethane	ND		250	223		ug/L		89	62 - 150
Vinyl chloride	ND		250	234		ug/L		94	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	100		75 - 123
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 480-173949-1 MSD

Matrix: Water

Analysis Batch: 546121

Client Sample ID: INF 081720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,1,1-Trichloroethane	230		250	452		ug/L		90	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		250	269		ug/L		107	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	233		ug/L		93	61 - 148	6	20
1,1,2-Trichloroethane	ND		250	273		ug/L		109	76 - 122	0	15
1,1-Dichloroethane	130		250	386		ug/L		102	77 - 120	3	20
1,1-Dichloroethene	13		250	262		ug/L		100	66 - 127	3	16
1,2,4-Trichlorobenzene	ND		250	257		ug/L		103	79 - 122	2	20
1,2-Dibromo-3-Chloropropane	ND		250	271		ug/L		108	56 - 134	3	15

Eurofins TestAmerica, Buffalo

# QC Sample Results

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

Job ID: 480-173949-1

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

Lab Sample ID: 480-173949-1 MSD

Matrix: Water

Analysis Batch: 546121

Client Sample ID: INF 081720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	ND		250	274		ug/L		110	77 - 120	1	15
1,2-Dichlorobenzene	ND		250	262		ug/L		105	80 - 124	1	20
1,2-Dichloroethane	ND		250	249		ug/L		100	75 - 120	1	20
1,2-Dichloropropane	ND		250	276		ug/L		110	76 - 120	0	20
1,3-Dichlorobenzene	ND		250	258		ug/L		103	77 - 120	1	20
1,4-Dichlorobenzene	ND		250	256		ug/L		102	78 - 124	0	20
2-Butanone (MEK)	ND		1250	1400		ug/L		112	57 - 140	0	20
2-Hexanone	ND		1250	1390		ug/L		111	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1390		ug/L		111	71 - 125	0	35
Acetone	ND		1250	1340		ug/L		107	56 - 142	1	15
Benzene	ND		250	266		ug/L		106	71 - 124	3	13
Bromodichloromethane	ND		250	266		ug/L		106	80 - 122	1	15
Bromoform	ND		250	266		ug/L		106	61 - 132	1	15
Bromomethane	ND		250	247		ug/L		99	55 - 144	5	15
Carbon disulfide	ND		250	254		ug/L		101	59 - 134	4	15
Carbon tetrachloride	ND		250	243		ug/L		97	72 - 134	0	15
Chlorobenzene	ND		250	266		ug/L		106	80 - 120	1	25
Chloroethane	ND		250	222		ug/L		89	69 - 136	4	15
Chloroform	ND		250	242		ug/L		97	73 - 127	2	20
Chloromethane	ND		250	255		ug/L		102	68 - 124	6	15
cis-1,2-Dichloroethene	11		250	271		ug/L		104	74 - 124	2	15
cis-1,3-Dichloropropene	ND		250	252		ug/L		101	74 - 124	1	15
Cyclohexane	ND		250	250		ug/L		100	59 - 135	2	20
Dibromochloromethane	ND		250	279		ug/L		112	75 - 125	1	15
Dichlorodifluoromethane	ND		250	202		ug/L		81	59 - 135	5	20
Ethylbenzene	ND		250	268		ug/L		107	77 - 123	1	15
Isopropylbenzene	ND		250	258		ug/L		103	77 - 122	2	20
m,p-Xylene	ND		250	269		ug/L		108	76 - 122	2	16
Methyl acetate	ND		500	536		ug/L		107	74 - 133	1	20
Methyl tert-butyl ether	ND		250	257		ug/L		103	77 - 120	1	37
Methylcyclohexane	ND		250	230		ug/L		92	68 - 134	0	20
Methylene Chloride	ND		250	263		ug/L		105	75 - 124	1	15
o-Xylene	ND		250	268		ug/L		107	76 - 122	1	16
Styrene	ND		250	262		ug/L		105	80 - 120	1	20
Tetrachloroethene	ND		250	249		ug/L		100	74 - 122	1	20
Toluene	ND		250	266		ug/L		107	80 - 122	3	15
trans-1,2-Dichloroethene	ND		250	258		ug/L		103	73 - 127	3	20
trans-1,3-Dichloropropene	ND		250	258		ug/L		103	80 - 120	1	15
Trichloroethene	260		250	487		ug/L		92	74 - 123	2	16
Trichlorofluoromethane	ND		250	212		ug/L		85	62 - 150	5	20
Vinyl chloride	ND		250	224		ug/L		90	65 - 133	4	15
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	98		77 - 120								
4-Bromofluorobenzene (Surr)	100		73 - 120								
Dibromofluoromethane (Surr)	99		75 - 123								
Toluene-d8 (Surr)	101		80 - 120								

Eurofins TestAmerica, Buffalo



# QC Sample Results

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

Job ID: 480-173949-1

## Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-545970/1-A

Matrix: Water

Analysis Batch: 546476

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 545970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/20/20 10:25	08/21/20 13:57	1
Arsenic	ND		0.015	0.0056	mg/L		08/20/20 10:25	08/21/20 13:57	1
Barium	ND	^	0.0020	0.00070	mg/L		08/20/20 10:25	08/21/20 13:57	1
Chromium	ND		0.0040	0.0010	mg/L		08/20/20 10:25	08/21/20 13:57	1
Copper	ND		0.010	0.0016	mg/L		08/20/20 10:25	08/21/20 13:57	1
Iron	ND		0.050	0.019	mg/L		08/20/20 10:25	08/21/20 13:57	1
Manganese	0.000400	J	0.0030	0.00040	mg/L		08/20/20 10:25	08/21/20 13:57	1
Nickel	ND		0.010	0.0013	mg/L		08/20/20 10:25	08/21/20 13:57	1
Zinc	ND		0.010	0.0015	mg/L		08/20/20 10:25	08/21/20 13:57	1

Lab Sample ID: LCS 480-545970/2-A

Matrix: Water

Analysis Batch: 546476

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 545970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.23		mg/L		102	80 - 120
Arsenic	0.200	0.204		mg/L		102	80 - 120
Barium	0.200	0.224	^	mg/L		112	80 - 120
Chromium	0.200	0.210		mg/L		105	80 - 120
Copper	0.200	0.215		mg/L		108	80 - 120
Iron	10.0	9.97		mg/L		100	80 - 120
Manganese	0.200	0.203		mg/L		101	80 - 120
Nickel	0.200	0.196		mg/L		98	80 - 120
Zinc	0.200	0.211		mg/L		105	80 - 120

Lab Sample ID: LCSD 480-545970/25-A

Matrix: Water

Analysis Batch: 546476

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 545970

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	10.0	9.79		mg/L		98	80 - 120	4	20
Arsenic	0.200	0.204		mg/L		102	80 - 120	0	20
Barium	0.200	0.217	^	mg/L		109	80 - 120	3	20
Chromium	0.200	0.205		mg/L		102	80 - 120	3	20
Copper	0.200	0.206		mg/L		103	80 - 120	5	20
Iron	10.0	9.81		mg/L		98	80 - 120	2	20
Manganese	0.200	0.201		mg/L		101	80 - 120	1	20
Nickel	0.200	0.195		mg/L		97	80 - 120	1	20
Zinc	0.200	0.205		mg/L		102	80 - 120	3	20

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-546287/1-A

Matrix: Water

Analysis Batch: 546344

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 546287

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/21/20 12:37	08/21/20 15:56	1

Eurofins TestAmerica, Buffalo

# QC Sample Results

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

Job ID: 480-173949-1

## Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-546287/2-A  
Matrix: Water  
Analysis Batch: 546344

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 546287

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00698		mg/L		105	80 - 120

## Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 480-546569/1-A  
Matrix: Water  
Analysis Batch: 546576

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 546569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		5.0	1.4	mg/L		08/24/20 17:18	08/24/20 19:52	1

Lab Sample ID: LCS 480-546569/2-A  
Matrix: Water  
Analysis Batch: 546576

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 546569

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease	40.0	33.40		mg/L		83	78 - 114

## Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-546320/1-A  
Matrix: Water  
Analysis Batch: 546386

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 546320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		08/21/20 14:04	08/22/20 14:37	1

Lab Sample ID: LCS 480-546320/2-A  
Matrix: Water  
Analysis Batch: 546386

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 546320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.237		mg/L		95	90 - 110

## Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 480-545903/1  
Matrix: Water  
Analysis Batch: 545903

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			08/19/20 16:39	1

Lab Sample ID: LCS 480-545903/2  
Matrix: Water  
Analysis Batch: 545903

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	502	475.0		mg/L		95	85 - 115

Eurofins TestAmerica, Buffalo

# QC Sample Results

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

Job ID: 480-173949-1

## Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-545865/1

Matrix: Water

Analysis Batch: 545865

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			08/19/20 14:01	1

Lab Sample ID: LCS 480-545865/2

Matrix: Water

Analysis Batch: 545865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	329	318.8		mg/L		97	88 - 110

# QC Association Summary

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

Job ID: 480-173949-1

## GC/MS VOA

### Analysis Batch: 546121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	8260C	
480-173949-2	EFF 55 081720	Total/NA	Water	8260C	
480-173949-3	TW-1 081720	Total/NA	Water	8260C	
480-173949-4	TW-2A 081720	Total/NA	Water	8260C	
480-173949-5	TW-3 081720	Total/NA	Water	8260C	
480-173949-6	TB 081720	Total/NA	Water	8260C	
MB 480-546121/9	Method Blank	Total/NA	Water	8260C	
LCS 480-546121/6	Lab Control Sample	Total/NA	Water	8260C	
480-173949-1 MS	INF 081720	Total/NA	Water	8260C	
480-173949-1 MSD	INF 081720	Total/NA	Water	8260C	

## Metals

### Prep Batch: 545970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	3005A	
480-173949-2	EFF 55 081720	Total/NA	Water	3005A	
MB 480-545970/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-545970/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 480-545970/25-A	Lab Control Sample Dup	Total/NA	Water	3005A	

### Prep Batch: 546287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	7470A	
480-173949-2	EFF 55 081720	Total/NA	Water	7470A	
MB 480-546287/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-546287/2-A	Lab Control Sample	Total/NA	Water	7470A	

### Analysis Batch: 546344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	7470A	546287
480-173949-2	EFF 55 081720	Total/NA	Water	7470A	546287
MB 480-546287/1-A	Method Blank	Total/NA	Water	7470A	546287
LCS 480-546287/2-A	Lab Control Sample	Total/NA	Water	7470A	546287

### Analysis Batch: 546476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	6010C	545970
480-173949-2	EFF 55 081720	Total/NA	Water	6010C	545970
MB 480-545970/1-A	Method Blank	Total/NA	Water	6010C	545970
LCS 480-545970/2-A	Lab Control Sample	Total/NA	Water	6010C	545970
LCSD 480-545970/25-A	Lab Control Sample Dup	Total/NA	Water	6010C	545970

## General Chemistry

### Analysis Batch: 545865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	SM 2540D	
480-173949-2	EFF 55 081720	Total/NA	Water	SM 2540D	
MB 480-545865/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-545865/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Eurofins TestAmerica, Buffalo

## QC Association Summary

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

Job ID: 480-173949-1

### General Chemistry

#### Analysis Batch: 545903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	SM 2540C	
480-173949-2	EFF 55 081720	Total/NA	Water	SM 2540C	
MB 480-545903/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-545903/2	Lab Control Sample	Total/NA	Water	SM 2540C	

#### Prep Batch: 546320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	9012B	
480-173949-2	EFF 55 081720	Total/NA	Water	9012B	
MB 480-546320/1-A	Method Blank	Total/NA	Water	9012B	
LCS 480-546320/2-A	Lab Control Sample	Total/NA	Water	9012B	

#### Analysis Batch: 546386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	9012B	546320
480-173949-2	EFF 55 081720	Total/NA	Water	9012B	546320
MB 480-546320/1-A	Method Blank	Total/NA	Water	9012B	546320
LCS 480-546320/2-A	Lab Control Sample	Total/NA	Water	9012B	546320

#### Prep Batch: 546569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	1664B	
480-173949-2	EFF 55 081720	Total/NA	Water	1664B	
MB 480-546569/1-A	Method Blank	Total/NA	Water	1664B	
LCS 480-546569/2-A	Lab Control Sample	Total/NA	Water	1664B	

#### Analysis Batch: 546576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173949-1	INF 081720	Total/NA	Water	1664B	546569
480-173949-2	EFF 55 081720	Total/NA	Water	1664B	546569
MB 480-546569/1-A	Method Blank	Total/NA	Water	1664B	546569
LCS 480-546569/2-A	Lab Control Sample	Total/NA	Water	1664B	546569

# Lab Chronicle

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

Job ID: 480-173949-1

**Client Sample ID: INF 081720**

**Lab Sample ID: 480-173949-1**

**Date Collected: 08/17/20 13:35**

**Matrix: Water**

**Date Received: 08/19/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	546121	08/20/20 23:15	CRL	TAL BUF
Total/NA	Prep	3005A			545970	08/20/20 10:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	546476	08/21/20 14:57	LMH	TAL BUF
Total/NA	Prep	7470A			546287	08/21/20 12:37	BMB	TAL BUF
Total/NA	Analysis	7470A		1	546344	08/21/20 15:59	BMB	TAL BUF
Total/NA	Prep	1664B			546569	08/24/20 17:18	T1S	TAL BUF
Total/NA	Analysis	1664B		1	546576	08/24/20 19:52	T1S	TAL BUF
Total/NA	Prep	9012B			546320	08/21/20 14:04	CRK	TAL BUF
Total/NA	Analysis	9012B		1	546386	08/22/20 15:06	CRK	TAL BUF
Total/NA	Analysis	SM 2540C		1	545903	08/19/20 16:39	E1T	TAL BUF
Total/NA	Analysis	SM 2540D		1	545865	08/19/20 14:01	CSS	TAL BUF

**Client Sample ID: EFF 55 081720**

**Lab Sample ID: 480-173949-2**

**Date Collected: 08/17/20 13:50**

**Matrix: Water**

**Date Received: 08/19/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	546121	08/20/20 23:37	CRL	TAL BUF
Total/NA	Prep	3005A			545970	08/20/20 10:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	546476	08/21/20 15:01	LMH	TAL BUF
Total/NA	Prep	7470A			546287	08/21/20 12:37	BMB	TAL BUF
Total/NA	Analysis	7470A		1	546344	08/21/20 16:00	BMB	TAL BUF
Total/NA	Prep	1664B			546569	08/24/20 17:18	T1S	TAL BUF
Total/NA	Analysis	1664B		1	546576	08/24/20 19:52	T1S	TAL BUF
Total/NA	Prep	9012B			546320	08/21/20 14:04	CRK	TAL BUF
Total/NA	Analysis	9012B		1	546386	08/22/20 15:07	CRK	TAL BUF
Total/NA	Analysis	SM 2540C		1	545903	08/19/20 16:39	E1T	TAL BUF
Total/NA	Analysis	SM 2540D		1	545865	08/19/20 14:01	CSS	TAL BUF

**Client Sample ID: TW-1 081720**

**Lab Sample ID: 480-173949-3**

**Date Collected: 08/17/20 13:30**

**Matrix: Water**

**Date Received: 08/19/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	546121	08/21/20 00:00	CRL	TAL BUF

**Client Sample ID: TW-2A 081720**

**Lab Sample ID: 480-173949-4**

**Date Collected: 08/17/20 13:40**

**Matrix: Water**

**Date Received: 08/19/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	546121	08/21/20 00:24	CRL	TAL BUF

Eurofins TestAmerica, Buffalo

## Lab Chronicle

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

Job ID: 480-173949-1

**Client Sample ID: TW-3 081720**

**Lab Sample ID: 480-173949-5**

**Date Collected: 08/17/20 13:45**

**Matrix: Water**

**Date Received: 08/19/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	546121	08/21/20 00:47	CRL	TAL BUF

**Client Sample ID: TB 081720**

**Lab Sample ID: 480-173949-6**

**Date Collected: 08/13/20 00:00**

**Matrix: Water**

**Date Received: 08/19/20 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	546121	08/21/20 01:10	CRL	TAL BUF

### Laboratory References:

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

## Accreditation/Certification Summary

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

Job ID: 480-173949-1

### Laboratory: Eurofins TestAmerica, Buffalo

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

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

1

2

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## Method Summary

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

Job ID: 480-173949-1

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 and/or 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: 480-173949-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-173949-1	INF 081720	Water	08/17/20 13:35	08/19/20 08:00	
480-173949-2	EFF 55 081720	Water	08/17/20 13:50	08/19/20 08:00	
480-173949-3	TW-1 081720	Water	08/17/20 13:30	08/19/20 08:00	
480-173949-4	TW-2A 081720	Water	08/17/20 13:40	08/19/20 08:00	
480-173949-5	TW-3 081720	Water	08/17/20 13:45	08/19/20 08:00	
480-173949-6	TB 081720	Water	08/13/20 00:00	08/19/20 08:00	



## Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-173949-1

**Login Number: 173949**

**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	3.1 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



## Page 1 of 9

Date: 8-11-20



NEW YORK STATE  
Department of  
Environmental  
Conservation  
50

**DAILY INSPECTION REPORT** Page 2 of 9  
 Report No. **(Now Corp) - NYSDEC Site No. 314008** Date: **8-11-20**

**DAILY INSPECTION REPORT** Page 2 of 9  
 Report No. **(Now Corp) - NYSDEC Site No. 314008** Date: **8-11-20**

**DAILY INSPECTION REPORT** Page 2 of 9  
 Report No. **(Now Corp) - NYSDEC Site No. 314008** Date: **8-11-20**

**DAILY INSPECTION REPORT** Page 2 of 9  
 Report No. **(Now Corp) - NYSDEC Site No. 314008** Date: **8-11-20**

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

**Equipment/Material Tracking Comments:**

**DAILY INSPECTION REPORT**

Page 3 of 9

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8-11-20

**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**

None

**Interaction with Public, Property Owners, Media, etc.**

None



# DAILY INSPECTION REPORT

Page 4 of 9

Report No. **(Now Corp) - NYSDEC Site No. 314008**

Date: **8-11-20**

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

# DAILY INSPECTION REPORT

Page 5 of 9

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8-11-20

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Department of  
Environmental  
Conservation



# DAILY INSPECTION REPORT

Page 6 of 9

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8-11-20

Site Photographs (Descriptions Below)	

# DAILY INSPECTION REPORT

Page 7 of 9

**Report No. (Now Corp) - NYSDEC Site No. 314008**

Date: 8-11-20

<b>Comments</b>	
<b>Site Inspector(s):</b>	<b>Date:</b>

**DAILY INSPECTION REPORT**Report No. **(Now Corp) - NYSDEC Site No. 314008**Date: **8-11-20****DAILY HEALTH CHECKLIST**

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

**REMEDIAL ACTIVITIES AT PROPERTIES**

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

**DAILY INSPECTION REPORT** Page **9** of **9**  
 Report No. **(Now Corp) - NYSDEC Site No. 314008** Date: **8-11-20**

Page 9 of 9

**Report No. (Now Corp) - NYSDEC Site No. 314008**


Date: 8-11-20

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>           			

Report No.      **(Now Corp) - NYSDEC Site No. 314008**

Date: 8-14-20 Page 1 of 9




NEW YORK STATE  
Department of  
Environmental  
Conservation



**Report No. (Now Corp) - NYSDEC Site No. 314008**

Date: 8-14-20



NEW YORK STATE  
Department of  
Environmental  
Conservation



**DAILY INSPECTION REPORT**  
Report No. \_\_\_\_\_ (Now Corp) - NYSDEC Site No. 314008

Date: 8.14.20 Page 3 of 9

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# DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.14.20

Page 4 of 9

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

# DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.14.20 Page 5 of 9

# DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.14.20 Page 6 of 9

Site Photographs (Descriptions Below)	

# DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.14.20 Page 7 of 9

Comments	
Site Inspector(s):	Date:



Department of  
Environmental  
Conservation





**DAILY INSPECTION REPORT**Report No. **(Now Corp) - NYSDEC Site No. 314008**Date: **8.14.20**

Page 8 of 9

**DAILY HEALTH CHECKLIST**

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Comments: —		

**REMEDIAL ACTIVITIES AT PROPERTIES**

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"><li>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.</li><li>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.</li></ul>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Comments: —		

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.14.20 Page 9 of 9

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			



## DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.17.20

Page 1 of 9

[illegible]



# DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.17.20 Page 2 of 9

Date: 8.17.20

[illegible]

**Equipment/Material Tracking Comments:**

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8-17-20 Page 3 of 9

[illegible]

# DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Page 4 of 9  
Date: 8.17.18 ~~20~~

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

# DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8-17-20 Page 5 of 9

# DAILY INSPECTION REPORT

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.17.20 Page 6 of 9

Site Photographs (Descriptions Below)	



# DAILY INSPECTION REPORT

**Report No. (Now Corp) - NYSDEC Site No. 314008**

Date: 8.17.20 Page 7 of 9

Comments	
Site Inspector(s):	Date:

**DAILY INSPECTION REPORT**

Report No. (Now Corp) - NYSDEC Site No. 314008

Date: 8.17.20 Page 8 of 9

**DAILY HEALTH CHECKLIST**

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

**REMEDIAL ACTIVITIES AT PROPERTIES**

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"><li>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.</li><li>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.</li></ul>	Yes <input type="checkbox"/>	N/A
<u>Comments:</u>		

Department of  
Environmental  
Conservation

**DAILY INSPECTION REPORT**  
Report No.           (Now Corp) - NYSDEC Site No. 314008          

Date: 8.17.20 Page 9 of 9

## NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			