

## **DATA PACKAGE**

GENERAL CHEMISTRY  
VOLATILE ORGANICS

**PROJECT NAME : CON ED NON MGP – ATLANTIC AVE 453957.600024.05**

**PARSONS ENGINEERING OF NEW YORK, INC.**

**301 Plainfield Road**

**Suite 350**

**Syracuse, NY - 13212**

**Phone No: 315-451-9560**

**ORDER ID : Q2189**

**ATTENTION : Stephen Liberatore**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q2189

**Project ID :** Con Ed Non MGP – Atlantic Ave 453957.600024.05

**Client :** PARSONS Engineering of New York, Inc.

**Lab Sample Number**

Q2189-01  
Q2189-02

**Client Sample Number**

MW-7-20250602  
MW-8-20250602

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 6/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

**PARSONS Engineering of New York, Inc.**

**Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05**

**Project # N/A**

**Order ID # Q2189**

**Test Name: VOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

2 Water samples were received on 06/02/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Sulfate, TDS and VOCMS Group1. This data package contains results for VOCMS Group1.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis performed on instrument MSVOA\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group1 was based on method 8260D.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria.

The Blank Spike Duplicate for {VN0611WBSD02} with File ID: VN086945.D met requirements for all samples except for Bromoform[112%] is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike for {VX0603WBS01} with File ID: VX046463.D met requirements for all samples except for Methyl Acetate[136%] is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID VN086940.D met the requirements except for Bromoform is failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VX046460.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

**E. Additional Comments:**

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature\_\_\_\_\_



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

## **CASE NARRATIVE**

**PARSONS Engineering of New York, Inc.**

**Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05**

**Project # N/A**

**Order ID # Q2189**

**Test Name: Sulfate,TDS**

### **A. Number of Samples and Date of Receipt:**

2 Water samples were received on 06/02/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Sulfate, TDS and VOCMS Group1. This data package contains results for Sulfate,TDS.

### **C. Analytical Techniques:**

The analysis of Sulfate was based on method 300.0 and The analysis of TDS was based on method SM2540 C.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

Sample MW-7-20250602 was diluted due to high concentrations for Sulfate.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

### **E. Additional Comments:**

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Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected
<b>E</b>	Indicates the reported value is estimated because of the presence of interference
<b>M</b>	Indicates Duplicate injection precision not met.
<b>N</b>	Indicates the spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates that the duplicate analysis is not within control limits.
<b>+</b>	Indicates the correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>Q</b>	Indicates the LCS did not meet the control limits requirements
<b>H</b>	Sample Analysis Out Of Hold Time

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: <ol style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ol>
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q2189

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 06/13/2025

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2189

**Client:** PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
<b>Client ID:</b>	<b>MW-7-20250602</b>							
Q2189-01	MW-7-20250602	Water	Chloroform	1.80		0.25	1.00	ug/L
			<b>Total Voc :</b>			1.80		
Q2189-01	MW-7-20250602	Water	Naphthalene	* 0.43	J	0.20	1.00	ug/L
			<b>Total Tics :</b>			0.43		
			<b>Total Concentration:</b>			2.23		
<b>Client ID:</b>	<b>MW-8-20250602</b>							
Q2189-02	MW-8-20250602	Water	Acetone	5.70		1.50	5.00	ug/L
Q2189-02	MW-8-20250602	Water	Chloroform	12.3		0.25	1.00	ug/L
			<b>Total Voc :</b>			18.0		
			<b>Total Concentration:</b>			18.0		



# SAMPLE DATA

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/02/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/02/25	
Client Sample ID:	MW-7-20250602		SDG No.:	Q2189	
Lab Sample ID:	Q2189-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086950.D	1		06/11/25 15:50	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.80		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/02/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/02/25	
Client Sample ID:	MW-7-20250602		SDG No.:	Q2189	
Lab Sample ID:	Q2189-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086950.D	1		06/11/25 15:50	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	48.9		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	52.2		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		77 - 121	99%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	325000	8.235			
540-36-3	1,4-Difluorobenzene	609000	9.106			
3114-55-4	Chlorobenzene-d5	540000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	258000	13.788			
<b>TENTATIVE IDENTIFIED COMPOUNDS</b>						

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/02/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/02/25	
Client Sample ID:	MW-7-20250602		SDG No.:	Q2189	
Lab Sample ID:	Q2189-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086950.D	1		06/11/25 15:50	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
91-20-3	Naphthalene	0.43	J		15.6	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/02/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/02/25	
Client Sample ID:	MW-8-20250602		SDG No.:	Q2189	
Lab Sample ID:	Q2189-02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046479.D	1		06/03/25 17:40	VX060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	5.70		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	UQ	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	12.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/02/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/02/25	
Client Sample ID:	MW-8-20250602		SDG No.:	Q2189	
Lab Sample ID:	Q2189-02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046479.D	1		06/03/25 17:40	VX060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	54.0		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	50.5		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		77 - 121	104%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	61900	5.544			
540-36-3	1,4-Difluorobenzene	127000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	50500	12.018			

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/02/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/02/25	
Client Sample ID:	MW-8-20250602		SDG No.:	Q2189	
Lab Sample ID:	Q2189-02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046479.D	1		06/03/25 17:40	VX060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## LAB CHRONICLE

<b>OrderID:</b>	Q2189	<b>OrderDate:</b>	6/2/2025 4:45:00 PM
<b>Client:</b>	PARSONS Engineering of New York, Inc.	<b>Project:</b>	Con Ed Non MGP – Atlantic Ave 453957.600024.05
<b>Contact:</b>	Stephen Liberatore	<b>Location:</b>	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q2189-01</b>	<b>MW-7-20250602</b>	<b>Water</b>	VOCMS Group1	8260-Low	<b>06/02/25</b>		06/11/25	<b>06/02/25</b>
<b>Q2189-02</b>	<b>MW-8-20250602</b>	<b>Water</b>	VOCMS Group1	8260-Low	<b>06/02/25</b>		06/03/25	<b>06/02/25</b>



# SAMPLE DATA

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/02/25 13:35
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/02/25
Client Sample ID:	MW-7-20250602	SDG No.:	Q2189
Lab Sample ID:	Q2189-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	64.2	OR	1	0.46	3.00	mg/L		06/03/25 16:00	300.0
TDS	885		1	1.00	10.0	mg/L		06/04/25 12:30	SM 2540 C-15

Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/02/25 13:35
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/02/25
Client Sample ID:	MW-7-20250602DL	SDG No.:	Q2189
Lab Sample ID:	Q2189-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	60.8	D	5	2.30	15.0	mg/L		06/04/25 11:41	300.0

Comments:

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements  
H = Sample Analysis Out Of Hold Time

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
E = Indicates the reported value is estimated because of the presence of interference.  
OR = Over Range  
N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/02/25 14:50
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/02/25
Client Sample ID:	MW-8-20250602	SDG No.:	Q2189
Lab Sample ID:	Q2189-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	25.0		1	0.46	3.00	mg/L		06/03/25 17:05	300.0
TDS	562		1	1.00	10.0	mg/L		06/04/25 12:30	SM 2540 C-15

Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## LAB CHRONICLE

<b>OrderID:</b>	Q2189	<b>OrderDate:</b>	6/2/2025 4:45:00 PM
<b>Client:</b>	PARSONS Engineering of New York, Inc.	<b>Project:</b>	Con Ed Non MGP – Atlantic Ave 453957.600024.05
<b>Contact:</b>	Stephen Liberatore	<b>Location:</b>	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2189-01	MW-7-20250602	WATER			06/02/25 13:35			06/02/25
			Sulfate	300.0			06/03/25 16:00	
			TDS	SM2540 C			06/04/25 12:30	
Q2189-01DL	MW-7-20250602DL	WATER			06/02/25 13:35			06/02/25
			Sulfate	300.0			06/04/25 11:41	
Q2189-02	MW-8-20250602	WATER			06/02/25 14:50			06/02/25
			Sulfate	300.0			06/03/25 17:05	
			TDS	SM2540 C			06/04/25 12:30	



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Parsons  
ADDRESS: 301 Plainfield Rd  
CITY Syracuse STATE: NY ZIP:   
ATTENTION: Stephen Liberatore  
PHONE: 315-418-8767 FAX: N/A

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave  
PROJECT NO.: 453957-01000 LOCATION: Brooklyn, NY  
PROJECT MANAGER: Stephen Liberatore  
e-mail: Stephen.Liberatore@parsons.com  
PHONE: 315-418-8767 FAX:

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:   
ADDRESS: 301 Plainfield Rd  
CITY Syracuse STATE: NY ZIP: 1321  
ATTENTION: Stephen Liberatore PHONE: 315-418-8767

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS\*   
HARDCOPY (DATA PACKAGE): ↓ DAYS\*   
EDD:  DAYS\*   
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other   
☐ EDD FORMAT

1	2	3	4	5	6	7	8	9
VOCs + TICs	TDS	Sulfate						

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		A	E	E							
1.	MW-7-20250602	W		X	6/2/25	1335	4	X	X	X							
2.	MW-8-20250602	W		X	6/2/25	1450	4	X	X	X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>4m</u>	DATE/TIME: <u>6/2/25 1719</u>	RECEIVED BY: <u>[Signature]</u> <u>6-2-25 1719</u>	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>2.0</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: <u></u>	RECEIVED BY: <u></u>	Comments: <u>Please CC kirsten.valentini@parsons</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>6-2-25 1850</u>	RECEIVED BY: <u></u>	

Page 1 of 1 CLIENT: ☐ Hand Delivered ☐ Other  Shipment Complete ☐ YES ☐ NO

### Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

## LOGIN REPORT/SAMPLE TRANSFER

<b>Order ID :</b> Q2189	PARS02	<b>Order Date :</b> 6/2/2025 4:45:00 PM	<b>Project Mgr :</b>
<b>Client Name :</b> PARSONS Engineering of I		<b>Project Name :</b> Con Ed Non-MGP - East Ri	<b>Report Type :</b> Results Only
<b>Client Contact :</b> Stephen Liberatore		<b>Receive DateTime :</b> 6/2/2025 6:50:00 PM	<b>EDD Type :</b> Excel NY
<b>Invoice Name :</b> PARSONS Engineering of I		<b>Purchase Order :</b>	<b>Hard Copy Date :</b>
<b>Invoice Contact :</b> Stephen Liberatore			<b>Date Signoff :</b>

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2189-01	MW-7-20250602	Water	06/02/2025	13:35					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q2189-02	MW-8-20250602	Water	06/02/2025	13:35					
				14:50	VOCMS Group1		8260-Low	10 Bus. Days	


Relinquished By :

Date / Time :

  
6/3/25 1120

Received By :

Date / Time :

  
6/3/25 1120

Storage Area : VOA Refridgerator Room