

LAB CHRONICLE

OrderID:	Q2267	OrderDate:	6/6/2025 2:17:00 PM
Client:	PARSONS Engineering of New York, Inc.	Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2267-01	WC-20250605	WATER			06/05/25 15:20			06/06/25
			Reactive Cyanide	9012B		06/12/25	06/12/25 11:31	
			Reactive Sulfide	9034		06/12/25	06/12/25 17:23	
			Flash Point	1010B			06/09/25 12:15	
			pH	9040C			06/10/25 09:20	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25 15:20
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		06/09/25 12:15	1010B
pH	7.11	H	1	0	0	pH		06/10/25 09:20	9040C
Reactive Cyanide	0.00096	U	1	0.00096	0.0050	mg/L	06/12/25 08:10	06/12/25 11:31	9012B
Reactive Sulfide	0.43	U	1	0.43	1.00	mg/L	06/12/25 11:30	06/12/25 17:23	9034

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

QC RESULT SUMMARY



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

Initial and Continuing Calibration Verification

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

RunNo.: LB136068

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Flash Point	ICV ° F	80.6	81	100	78-84	06/09/2025

Initial and Continuing Calibration Verification

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

RunNo.: LB136081

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.01	7	100	90-110	06/10/2025
Sample ID:	CCV1						
pH		pH	2.02	2.00	101	90-110	06/10/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	06/10/2025

Initial and Continuing Calibration Verification

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

RunNo.: LB136129

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.095	0.099	96	85-115	06/12/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	06/12/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.23	0.25	92	90-110	06/12/2025
Sample ID: CCV3 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	06/12/2025
Sample ID: CCV4 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	06/12/2025

Initial and Continuing Calibration Blank Summary

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

RunNo.: LB136129

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	0.00098	0.0025	J	0.00096	0.005	06/12/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/12/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	0.00096	0.0025	J	0.00096	0.005	06/12/2025
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/12/2025
Sample ID: CCB4 Reactive Cyanide	mg/L	0.0013	0.0025	J	0.00096	0.005	06/12/2025

Preparation Blank Summary

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB168366BL							
Reactive Sulfide	mg/L	< 0.5000	0.5000	U	0.43	1	06/12/2025
Sample ID: PB168399BL							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/12/2025

Duplicate Sample Summary

Client: PARSONS Engineering of New York, Inc.	SDG No.: Q2267
Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05	Sample ID: Q2221-02
Client ID: 34900DUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Flash Point	o F	+/-2	>212.0		>212.0		1	0		06/09/2025

Duplicate Sample Summary

Client: PARSONS Engineering of New York, Inc.	SDG No.: Q2267	
Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05	Sample ID: Q2267-01	
Client ID: WC-20250605DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
pH	pH	+/-20	7.11		7.12		1	0.14		06/10/2025
Reactive Cyanide	mg/L	+/-20	0.00096	U	0.00096	U	1	0		06/12/2025
Reactive Sulfide	mg/L	+/-20	0.43	U	0.43	U	1	0		06/12/2025