

Matrix Spike Summary

Client:	PARSONS Engineering of New York, Inc.	SDG No.:	Q2231
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Sample ID:	Q2231-04
Client ID:	MW-16D-20250604MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	8.10		0.40	J	10	1	77	*	06/05/2025
Chloride	mg/L	80-120	294	OR	302	OR	3	1	-267	*	06/05/2025
Fluoride	mg/L	80-120	1.70		0.12	J	2	1	79	*	06/05/2025
Nitrite	mg/L	80-120	2.30		0.074	U	3	1	77	*	06/05/2025
Nitrate	mg/L	80-120	7.50	OR	5.60		2.5	1	76	*	06/05/2025
Sulfate	mg/L	80-120	68.9	OR	57.9	OR	15	1	73	*	06/05/2025
Orthophosphate as P	mg/L	80-120	4.10		0.34	U	5	1	82		06/05/2025

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Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	6.40		0.40	J	10	1	60	*	06/05/2025
Chloride	mg/L	80-120	295	OR	302	OR	3	1	-233	*	06/05/2025
Fluoride	mg/L	80-120	1.30		0.12	J	2	1	59	*	06/05/2025
Nitrite	mg/L	80-120	1.80		0.074	U	3	1	60	*	06/05/2025
Nitrate	mg/L	80-120	7.00	OR	5.60		2.5	1	56	*	06/05/2025
Sulfate	mg/L	80-120	66.4	OR	57.9	OR	15	1	57	*	06/05/2025
Orthophosphate as P	mg/L	80-120	3.20		0.34	U	5	1	64	*	06/05/2025