

Matrix Spike Summary

Client:	EA Engineering Science & Technology	SDG No.:	P4846
Project:	Scotia, NY - Annual Testing	Sample ID:	P4846-05
Client ID:	FSND-MW-EVAL-04D-20241113MS	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	10.2		0.034	U	10	1	102		11/14/2024
TOC	mg/L	75-125	10.3		1.20		10	1	91		11/18/2024
Chloride	mg/L	80-120	49.1	OR	47.8	OR	3	1	43	*	11/14/2024
Fluoride	mg/L	80-120	2.10		0.12	J	2	1	99		11/14/2024
Nitrite	mg/L	80-120	3.10		0.011	U	3	1	103		11/14/2024
Nitrate	mg/L	80-120	3.40		0.91		2.5	1	100		11/14/2024
Sulfate	mg/L	80-120	35.4		20.9		15	1	97		11/14/2024
Orthophosphate as P	mg/L	80-120	5.10		0.079	U	5	1	102		11/14/2024

Matrix Spike Summary

Client:	EA Engineering Science & Technology	SDG No.:	P4846
Project:	Scotia, NY - Annual Testing	Sample ID:	P4846-05
Client ID:	FSND-MW-EVAL-04D-20241113MSD	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	9.80		0.034	U	10	1	98		11/14/2024
TOC	mg/L	75-125	10.3		1.20		10	1	91		11/18/2024
Chloride	mg/L	80-120	49.1	OR	47.8	OR	3	1	43	*	11/14/2024
Fluoride	mg/L	80-120	2.10		0.12	J	2	1	99		11/14/2024
Nitrite	mg/L	80-120	2.90		0.011	U	3	1	97		11/14/2024
Nitrate	mg/L	80-120	3.30		0.91		2.5	1	96		11/14/2024
Sulfate	mg/L	80-120	34.7		20.9		15	1	92		11/14/2024
Orthophosphate as P	mg/L	80-120	4.90		0.079	U	5	1	98		11/14/2024

Matrix Spike Summary

Client:	EA Engineering Science & Technology	SDG No.:	P4846
Project:	Scotia, NY - Annual Testing	Sample ID:	P4846-14
Client ID:	FSND-MW-EVAL-02S-20241113MS	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
TOC	mg/L	75-125	10.9		1.30		10	1	96		11/18/2024

Matrix Spike Summary

Client:	EA Engineering Science & Technology	SDG No.:	P4846
Project:	Scotia, NY - Annual Testing	Sample ID:	P4846-14
Client ID:	FSND-MW-EVAL-02S-20241113MSD	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
TOC	mg/L	75-125	11.2		1.30		10	1	99		11/18/2024

Matrix Spike Summary

Client:	EA Engineering Science & Technology	SDG No.:	P4846
Project:	Scotia, NY - Annual Testing	Sample ID:	P4873-02
Client ID:	FSND-MW-30-20241114MS	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	10.1	OR	0.034	U	10	1	101		11/15/2024
Chloride	mg/L	80-120	57.6		56.5	OR	3	1	37	*	11/15/2024
Fluoride	mg/L	80-120	2.10		0.15	J	2	1	98		11/15/2024
Nitrite	mg/L	80-120	3.00		0.011	U	3	1	100		11/15/2024
Nitrate	mg/L	80-120	2.50		0.0034	U	2.5	1	100		11/15/2024
Sulfate	mg/L	80-120	15.8		1.20	J	15	1	97		11/15/2024
Orthophosphate as P	mg/L	80-120	5.10		0.079	U	5	1	102		11/15/2024

Matrix Spike Summary

Client:	EA Engineering Science & Technology	SDG No.:	P4846
Project:	Scotia, NY - Annual Testing	Sample ID:	P4873-02
Client ID:	FSND-MW-30-20241114MSD	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	9.70	OR	0.034	U	10	1	97		11/15/2024
Chloride	mg/L	80-120	57.4		56.5	OR	3	1	30	*	11/15/2024
Fluoride	mg/L	80-120	2.10		0.15	J	2	1	98		11/15/2024
Nitrite	mg/L	80-120	2.90		0.011	U	3	1	97		11/15/2024
Nitrate	mg/L	80-120	2.40		0.0034	U	2.5	1	96		11/15/2024
Sulfate	mg/L	80-120	15.1		1.20	J	15	1	93		11/15/2024
Orthophosphate as P	mg/L	80-120	4.90		0.079	U	5	1	98		11/15/2024