

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q1322
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q1322-01
Client ID:	MANHOLEMS	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	9.30		0.034	U	10	1	93		02/07/2025
Cyanide	mg/L	75-125	0.037		0.0034	J	0.04	1	84		02/11/2025
Chloride	mg/L	80-120	152	OR	156	OR	3	1	-133	*	02/07/2025
Fluoride	mg/L	80-120	1.90		0.066	J	2	1	92		02/07/2025
Nitrite	mg/L	80-120	2.80		0.099	J	3	1	90		02/07/2025
Nitrate	mg/L	80-120	2.80		0.47	J	2.5	1	93		02/07/2025
Phenolics	mg/L	75-125	1.00		0.023	U	1	1	100		02/10/2025
Sulfate	mg/L	80-120	29.6		16.1		15	1	90		02/07/2025
Orthophosphate as P	mg/L	80-120	5.40		0.87	J	5	1	91		02/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q1322
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q1322-01
Client ID:	MANHOLEMSD	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	9.30		0.034	U	10	1	93		02/07/2025
Cyanide	mg/L	75-125	0.037		0.0034	J	0.04	1	84		02/11/2025
Chloride	mg/L	80-120	153	OR	156	OR	3	1	-100	*	02/07/2025
Fluoride	mg/L	80-120	1.90		0.066	J	2	1	92		02/07/2025
Nitrite	mg/L	80-120	2.80		0.099	J	3	1	90		02/07/2025
Nitrate	mg/L	80-120	2.80		0.47	J	2.5	1	93		02/07/2025
Phenolics	mg/L	75-125	1.00		0.023	U	1	1	100		02/10/2025
Sulfate	mg/L	80-120	29.7		16.1		15	1	91		02/07/2025
Orthophosphate as P	mg/L	80-120	5.50		0.87	J	5	1	93		02/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q1322
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q1322-01
Client ID:	MANHOLEMS	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
Oil and Grease	mg/L	78-114	20.1		0.40	U	20.0	1	101		02/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q1322
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q1322-01
Client ID:	MANHOLEMSD	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
Oil and Grease	mg/L	78-114	20.3		0.40	U	20.0	1	102		02/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q1322
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q1325-01
Client ID:	DSN002MS	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
Ammonia as N	mg/L	75-125	7.70	OR	6.90	OR	1	1	80		02/07/2025
COD	mg/L	75-125	91.9		47.4		50.0	1	89		02/07/2025

Matrix Spike Summary

Client:	Spectra East Inc.	SDG No.:	Q1322
Project:	Outfall 001 - Orangetown Dis Permit 2025	Sample ID:	Q1325-01
Client ID:	DSN002MSD	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
Ammonia as N	mg/L	75-125	8.20	OR	6.90	OR	1	1	130	*	02/07/2025
COD	mg/L	75-125	89.9		47.4		50.0	1	85		02/07/2025