

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1941
Project:	Pre Treatment Plant 2025	Sample ID:	Q1930-01
Client ID:	WATER-TREATMENT-DISCHARGEMS	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	2.90	OR	2.30	OR	1	1	60	*	05/05/2025

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Client:	Holland Manufacturing Co.	SDG No.:	Q1941
Project:	Pre Treatment Plant 2025	Sample ID:	Q1930-01
Client ID:	WATER-TREATMENT-DISCHARGEMSD	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	3.20	OR	2.30	OR	1	1	90		05/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1941
Project:	Pre Treatment Plant 2025	Sample ID:	Q1941-01
Client ID:	EFFLUENTMS	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
Orthophosphate as P	mg/L	90-110	0.51		0.047	J	0.5	1	93		05/01/2025
Phosphorus, Total	mg/L	90-110	0.51		0.071		0.5	1	87	*	05/07/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1941
Project:	Pre Treatment Plant 2025	Sample ID:	Q1941-01
Client ID:	EFFLUENTMSD	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
Orthophosphate as P	mg/L	90-110	0.51		0.047	J	0.5	1	92		05/01/2025
Phosphorus, Total	mg/L	90-110	0.51		0.071		0.5	1	89	*	05/07/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1941
Project:	Pre Treatment Plant 2025	Sample ID:	Q1941-01
Client ID:	EFFLUENTMS	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	27.9		7.90		20.0	1	100		05/05/2025

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Client ID:	EFFLUENTMSD	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	28.0		7.90		20.0	1	101		05/05/2025