

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2058
Project:	Pre Treatment Plant 2025	Sample ID:	Q2058-01
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
Phosphorus, Total	mg/L	90-110	0.99		0.54		0.5	1	91		05/16/2025
Orthophosphate as P	mg/L	90-110	0.69		0.21		0.5	1	97		05/16/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2058
Project:	Pre Treatment Plant 2025	Sample ID:	Q2058-01
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
Phosphorus, Total	mg/L	90-110	1.00		0.54		0.5	1	92		05/16/2025
Orthophosphate as P	mg/L	90-110	0.69		0.21		0.5	1	96		05/16/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2058
Project:	Pre Treatment Plant 2025	Sample ID:	Q2058-01
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	111		91.1		20.0	1	102		05/20/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2058
Project:	Pre Treatment Plant 2025	Sample ID:	Q2058-01
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
Oil and Grease	mg/L	78-114	111		91.1		20.0	1	102		05/20/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2058
Project:	Pre Treatment Plant 2025	Sample ID:	Q2067-01
Client ID:	303-PPR-FRACMS	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	1.10		0.095	J	1	1	101		05/19/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2058
Project:	Pre Treatment Plant 2025	Sample ID:	Q2067-01
Client ID:	303-PPR-FRACMSD	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	1.10		0.095	J	1	1	101		05/19/2025