

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2276-01
Client ID:	MH-6-10-2025MS	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	810		803		20.0	1	35	*	06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2276-01
Client ID:	MH-6-10-2025MSD	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	803		803		20.0	1	4	*	06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2286-03
Client ID:	LAW-25-0084MS	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	3.00	OR	2.30	OR	1	1	70	*	06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2286-03
Client ID:	LAW-25-0084MSD	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	*	06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2289-01
Client ID:	SP-1MS	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	0.51		0.046	J	0.5	1	93		06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2289-01
Client ID:	SP-1MSD	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	0.51		0.046	J	0.5	1	92		06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2309-01
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	0.59		0.10		0.5	1	97		06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2309-01
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	0.59		0.10		0.5	1	96		06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2309-01
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	41.9		22.1		20.0	1	99		06/13/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q2309
Project:	Pre Treatment Plant 2025	Sample ID:	Q2309-01
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	42.3		22.1		20.0	1	101		06/13/2025