

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3028
Project:	Pre Treatment Plant 2025	Sample ID:	Q3020-01
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	1.20		0.30		1	1	90		09/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3028
Project:	Pre Treatment Plant 2025	Sample ID:	Q3020-01
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	1.20		0.30		1	1	90		09/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3028
Project:	Pre Treatment Plant 2025	Sample ID:	Q3020-02
Client ID:	WATER-TREATMEN 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
Oil and Grease	mg/L	78-114	30.8		10.7		20.0	1	101		09/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3028
Project:	Pre Treatment Plant 2025	Sample ID:	Q3020-02
Client ID:	WATER-TREATMEN 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
Oil and Grease	mg/L	78-114	30.9		10.7		20.0	1	101		09/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3028
Project:	Pre Treatment Plant 2025	Sample ID:	Q3028-01
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	0.50		0.037	J	0.5	1	93		09/05/2025
Phosphorus, Total	mg/L	90-110	0.53		0.063		0.5	1	93		09/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3028
Project:	Pre Treatment Plant 2025	Sample ID:	Q3028-01
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	0.50		0.037	J	0.5	1	93		09/05/2025
Phosphorus, Total	mg/L	90-110	0.53		0.063		0.5	1	93		09/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3028
Project:	Pre Treatment Plant 2025	Sample ID:	Q3028-01
Client ID:	Q3028-1MS	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
Oil and Grease	mg/L	78-114	30.5		10.3		20.0	1	101		09/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3028
Project:	Pre Treatment Plant 2025	Sample ID:	Q3028-01
Client ID:	Q3028-1MSD	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
Oil and Grease	mg/L	78-114	30.6		10.3		20.0	1	102		09/05/2025