

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3760-01
Client ID:	001 Willets Pt Blvd (Dec)MS	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	3.90	OR	2.90	OR	1	1	100		12/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3760-01
Client ID:	001 Willets Pt Blvd (Dec)MSD	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	4.00	OR	2.90	OR	1	1	110		12/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3772-01
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	92		12/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3772-01
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		0.047	J	0.5	1	91		12/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3772-01
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	31.1		10.2		20.0	1	105		12/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3772-01
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	30.9		10.2		20.0	1	104		12/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3778-01
Client ID:	SW-2MS	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	0.53		0.064		0.5	1	93		12/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3778-01
Client ID:	SW-2MSD	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	0.52		0.064		0.5	1	92		12/05/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3785-01
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	23.8		3.30	J	20.0	1	103		12/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3785-01
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	24.1		3.30	J	20.0	1	104		12/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3793-01
Client ID:	Q3793-01MS	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	397		377		20.0	1	103		12/08/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3772
Project:	Pre Treatment Plant 2025	Sample ID:	Q3793-01
Client ID:	Q3793-01MSD	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	398		377		20.0	1	107		12/08/2025