

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3537-03
Client ID:	MW-17-PURGE-WATERMS	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	1.00		0.039	J	1	1	96		11/06/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3537-03
Client ID:	MW-17-PURGE-WATERMSD	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	1.00		0.039	J	1	1	96		11/06/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3551-01
Client ID:	MANHOLEMS	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	25.9		5.80		20.0	1	101		11/07/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3551-01
Client ID:	MANHOLEMSD	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	26.0		5.80		20.0	1	101		11/07/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3554-01
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	0.53		0.053		0.5	1	94		11/07/2025
Phosphorus, Total	mg/L	90-110	0.50		0.079		0.5	1	84	*	11/07/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3554-01
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	0.53		0.053		0.5	1	96		11/07/2025
Phosphorus, Total	mg/L	90-110	0.49		0.079		0.5	1	81	*	11/07/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3554-01
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	38.6		18.4		20.0	1	101		11/07/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3554-01
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	38.8		18.4		20.0	1	102		11/07/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3560-01
Client ID:	SY-10DMS	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	9.10	OR	8.10	OR	1	1	100		11/11/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3554
Project:	Pre Treatment Plant 2025	Sample ID:	Q3560-01
Client ID:	SY-10DMSD	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	9.10	OR	8.10	OR	1	1	100		11/11/2025