

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1782-01
Client ID:	MW-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
Ammonia as N	mg/L	75-125	0.97		0.030	U	1	1	97		04/18/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1782-01
Client ID:	MW-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
Ammonia as N	mg/L	75-125	0.96		0.030	U	1	1	96		04/18/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1831-01DL
Client ID:	EFFLUENT-COMPOSITEMS	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	4.28	D	3.89	D	0.5	5	78	*	04/18/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1831-01DL
Client ID:	EFFLUENT-COMPOSITEMSD	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	4.28	D	3.89	D	0.5	5	78	*	04/18/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1831-02
Client ID:	EFFLUENT-GRABMS	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	20.3		0.29	U	20.0	1	102		04/22/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1831-02
Client ID:	EFFLUENT-GRABMSD	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	20.5		0.29	U	20.0	1	103		04/22/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1835-01
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	0.48		0.019	J	0.5	1	91		04/18/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1835-01
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	0.49		0.019	J	0.5	1	93		04/18/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1835-01
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	24.9		4.60	J	20.0	1	102		04/22/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q1835
Project:	Pre Treatment Plant 2025	Sample ID:	Q1835-01
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	24.7		4.60	J	20.0	1	101		04/22/2025