

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3701
Project:	Pre Treatment Plant 2025	Sample ID:	Q3616-05
Client ID:	Composite 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
Phosphorus, Total	mg/L	90-110	0.66		0.18		0.5	1	97		11/21/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3701
Project:	Pre Treatment Plant 2025	Sample ID:	Q3616-05
Client ID:	Composite 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
Phosphorus, Total	mg/L	90-110	0.67		0.18		0.5	1	98		11/21/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3701
Project:	Pre Treatment Plant 2025	Sample ID:	Q3701-01
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
Ammonia as N	mg/L	75-125	530	OR	462	OR	50	1	136	*	11/25/2025
Orthophosphate as P	mg/L	90-110	0.51		0.033	J	0.5	1	96		11/21/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3701
Project:	Pre Treatment Plant 2025	Sample ID:	Q3701-01
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
Ammonia as N	mg/L	75-125	529	OR	462	OR	50	1	134	*	11/25/2025
Orthophosphate as P	mg/L	90-110	0.52		0.033	J	0.5	1	97		11/21/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3701
Project:	Pre Treatment Plant 2025	Sample ID:	Q3701-01
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	53.2		32.9		20.0	1	102		11/25/2025

Matrix Spike Summary

Client:	Holland Manufacturing Co.	SDG No.:	Q3701
Project:	Pre Treatment Plant 2025	Sample ID:	Q3701-01
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	54.3		32.9		20.0	1	107		11/25/2025