

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q2525
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q2470-01
Client ID:	SW-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
Phosphorus, Total	mg/L	90-110	0.66		0.18		0.5	1	95		07/09/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q2525
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q2470-01
Client ID:	SW-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
Phosphorus, Total	mg/L	90-110	0.66		0.18		0.5	1	95		07/09/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q2525
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q2512-01
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	3.20	OR	2.20	OR	1	1	100		07/09/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q2525
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q2512-01
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	3.10	OR	2.20	OR	1	1	90		07/09/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q2525
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q2570-01
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	53.7		33.6		20.0	1	101		07/11/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q2525
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q2570-01
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	53.8		33.6		20.0	1	101		07/11/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q2525
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q2602-01
Client ID:	FRAC-TANK-266380MS	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
COD	mg/L	75-125	46.9		1.50	U	50.0	1	94		07/15/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q2525
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q2602-01
Client ID:	FRAC-TANK-266380MSD	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
COD	mg/L	75-125	47.9		1.50	U	50.0	1	96		07/15/2025