

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	Sample ID:	Q3728-01
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
TKN	mg/L	75-125	5.00		0.62		5	1	88		12/05/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	Sample ID:	Q3728-01
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
TKN	mg/L	75-125	5.10		0.62		5	1	90		12/05/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	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:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	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:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	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
Bromide	mg/L	80-120	10.2		0.37	U	10	1	102		12/04/2025
Phosphorus, Total	mg/L	90-110	0.53		0.064		0.5	1	93		12/05/2025
Chloride	mg/L	80-120	141	OR	145	OR	3	1	-133	*	12/04/2025
Fluoride	mg/L	80-120	2.10		0.11	U	2	1	105		12/04/2025
Nitrite	mg/L	80-120	3.10		0.078	J	3	1	101		12/04/2025
Nitrate	mg/L	80-120	2.60		0.14	J	2.5	1	98		12/04/2025
Sulfate	mg/L	80-120	18.6		3.80		15	1	99		12/04/2025
Orthophosphate as P	mg/L	80-120	4.60		0.34	U	5	1	92		12/04/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	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
Bromide	mg/L	80-120	9.70		0.37	U	10	1	97		12/04/2025
Phosphorus, Total	mg/L	90-110	0.52		0.064		0.5	1	92		12/05/2025
Chloride	mg/L	80-120	142	OR	145	OR	3	1	-100	*	12/04/2025
Fluoride	mg/L	80-120	2.10		0.11	U	2	1	105		12/04/2025
Nitrite	mg/L	80-120	3.00		0.078	J	3	1	97		12/04/2025
Nitrate	mg/L	80-120	2.50		0.14	J	2.5	1	94		12/04/2025
Sulfate	mg/L	80-120	17.9		3.80		15	1	94		12/04/2025
Orthophosphate as P	mg/L	80-120	5.30		0.34	U	5	1	106		12/04/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	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:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	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:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	Sample ID:	Q3793-01
Client ID:	MH-1252025MS	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:	ATG-GREENVILLE AEC	SDG No.:	Q3778
Project:	AEC-2025-0013	Sample ID:	Q3793-01
Client ID:	MH-1252025MSD	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