

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q2293
Project:	AEC-2025-0013- CSC 4016 Madison	Sample ID:	Q2286-03
Client ID:	LAW-25-0084MS	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	23.4	OR	21.8	OR	5	1	32	*	06/16/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q2293
Project:	AEC-2025-0013- CSC 4016 Madison	Sample ID:	Q2286-03
Client ID:	LAW-25-0084MSD	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	23.0	OR	21.8	OR	5	1	24	*	06/16/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q2293
Project:	AEC-2025-0013- CSC 4016 Madison	Sample ID:	Q2289-01
Client ID:	SP-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	0.51		0.046	J	0.5	1	93		06/13/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q2293
Project:	AEC-2025-0013- CSC 4016 Madison	Sample ID:	Q2289-01
Client ID:	SP-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	0.51		0.046	J	0.5	1	92		06/13/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q2293
Project:	AEC-2025-0013- CSC 4016 Madison	Sample ID:	Q2291-01
Client ID:	Outfall 001MS	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	10.3	OR	0.37	U	10	1	103		06/11/2025
Chloride	mg/L	80-120	30.7		28.4	OR	3	1	77	*	06/11/2025
Fluoride	mg/L	80-120	2.50		0.41		2	1	104		06/11/2025
Nitrite	mg/L	80-120	3.10		0.092	J	3	1	100		06/11/2025
Nitrate	mg/L	80-120	3.20		0.65		2.5	1	102		06/11/2025
Sulfate	mg/L	80-120	18.9		4.20		15	1	98		06/11/2025
Orthophosphate as P	mg/L	80-120	5.30		0.34	U	5	1	106		06/11/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q2293
Project:	AEC-2025-0013- CSC 4016 Madison	Sample ID:	Q2291-01
Client ID:	Outfall 001MSD	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	10.5	OR	0.37	U	10	1	105		06/11/2025
Chloride	mg/L	80-120	30.7		28.4	OR	3	1	77	*	06/11/2025
Fluoride	mg/L	80-120	2.50		0.41		2	1	104		06/11/2025
Nitrite	mg/L	80-120	3.20		0.092	J	3	1	104		06/11/2025
Nitrate	mg/L	80-120	3.20		0.65		2.5	1	102		06/11/2025
Sulfate	mg/L	80-120	19.4		4.20		15	1	101		06/11/2025
Orthophosphate as P	mg/L	80-120	5.50		0.34	U	5	1	110		06/11/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q2293
Project:	AEC-2025-0013- CSC 4016 Madison	Sample ID:	Q2294-01
Client ID:	Outfall 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
COD	mg/L	75-125	64.2		18.5		50.0	1	91		06/12/2025

Matrix Spike Summary

Client:	ATG-GREENVILLE AEC	SDG No.:	Q2293
Project:	AEC-2025-0013- CSC 4016 Madison	Sample ID:	Q2294-01
Client ID:	Outfall 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
COD	mg/L	75-125	64.2		18.5		50.0	1	91		06/12/2025