

Matrix Spike Summary

Client:	US Army Corp of Engineers	SDG No.:	Q2085
Project:	USACE NAB Sediment Project 25	Sample ID:	Q2085-01
Client ID:	SC-4-SED-051525MS	Percent Solids for Spike Sample:	75.7

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/Kg	75-125	76.0		16.0		63.5	1	94		05/22/2025
Phosphorus, Total	mg/Kg	90-110	93.2	D	62.3		32.4	2	95		05/28/2025
TKN	mg/Kg	75-125	505		222		320	1	88		05/22/2025

Matrix Spike Summary

Client:	US Army Corp of Engineers	SDG No.:	Q2085
Project:	USACE NAB Sediment Project 25	Sample ID:	Q2085-01
Client ID:	SC-4-SED-051525MSD	Percent Solids for Spike Sample:	75.7

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/Kg	75-125	81.4		16.0		65.4	1	100		05/22/2025
Phosphorus, Total	mg/Kg	90-110	93.0	D	62.3		32.4	2	95		05/28/2025
TKN	mg/Kg	75-125	538		222		320	1	99		05/22/2025

Matrix Spike Summary

Client:	US Army Corp of Engineers	SDG No.:	Q2085
Project:	USACE NAB Sediment Project 25	Sample ID:	Q2085-04
Client ID:	SC-1-SED-051625MS	Percent Solids for Spike Sample:	70.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Phosphorus, Total	mg/Kg	90-110	62.7		30.3		33.8	1	96		06/06/2025
Ammonia as N	mg/Kg	75-125	78.5		13.0		67.5	1	97		06/06/2025
TKN	mg/Kg	75-125	792	OR	493		350	1	85		06/06/2025

Matrix Spike Summary

Client:	US Army Corp of Engineers	SDG No.:	Q2085
Project:	USACE NAB Sediment Project 25	Sample ID:	Q2085-04
Client ID:	SC-1-SED-051625MSD	Percent Solids for Spike Sample:	70.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Phosphorus, Total	mg/Kg	90-110	63.0		30.3		33.8	1	97		06/06/2025
Ammonia as N	mg/Kg	75-125	81.9		13.0		69.5	1	99		06/06/2025
TKN	mg/Kg	75-125	826	OR	493		350	1	95		06/06/2025

Matrix Spike Summary

Client:	US Army Corp of Engineers	SDG No.:	Q2085
Project:	USACE NAB Sediment Project 25	Sample ID:	Q2085-08
Client ID:	DUPE-1-SCMS	Percent Solids for Spike Sample:	76.2

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/Kg	75-125	4850		3780		1000	1	107		05/23/2025

Matrix Spike Summary

Client:	US Army Corp of Engineers	SDG No.:	Q2085
Project:	USACE NAB Sediment Project 25	Sample ID:	Q2085-08
Client ID:	DUPE-1-SCMSD	Percent Solids for Spike Sample:	76.2

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/Kg	75-125	4660		3780		1000	1	88		05/23/2025