

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3025-01
Client ID:	DSN002MS	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
Sulfide	mg/L	75-125	24.3		0.43	U	25.0	1	97		09/10/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3025-01
Client ID:	DSN002MSD	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
Sulfide	mg/L	75-125	24.2		0.43	U	25.0	1	97		09/10/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3057-01
Client ID:	DRAIN-WATER-TANK-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
Oil and Grease	mg/L	78-114	49.1		29.0		20.0	1	101		09/10/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3057-01
Client ID:	DRAIN-WATER-TANK-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
Oil and Grease	mg/L	78-114	49.2		29.0		20.0	1	101		09/10/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3061-01
Client ID:	B2-W16-RM4080-SINKMS	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
Residual Chlorine	mg/L	71-148	0.44		0.093	J	0.4	1	86		09/10/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3061-01
Client ID:	B2-W16-RM4080-SINKMSD	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
Residual Chlorine	mg/L	71-148	0.43		0.093	J	0.4	1	84		09/10/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3135-01
Client ID:	MH-121MS	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
Hexavalent Chromium	mg/L	90-111	0.98		0.0030	U	1.0	2	98		09/18/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3135-01
Client ID:	MH-121MSD	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
Hexavalent Chromium	mg/L	90-111	0.99		0.0030	U	1.0	2	99		09/18/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3151-02
Client ID:	1402MS	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	48.2		2.64	J	50.0	1	91		09/22/2025
Hexavalent Chromium	mg/L	90-111	1.00		0.0050	J	1.0	2	99		09/19/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3151-02
Client ID:	1402MSD	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	49.2		2.64	J	50.0	1	93		09/22/2025
Hexavalent Chromium	mg/L	90-111	1.00		0.0050	J	1.0	2	99		09/19/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3184-01
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
Phosphorus, Total	mg/L	90-110	0.57		0.12		0.5	1	90		09/25/2025
Orthophosphate as P	mg/L	90-110	0.60		0.069		0.5	1	105		09/25/2025

Matrix Spike Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Sample ID:	Q3184-01
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
Phosphorus, Total	mg/L	90-110	0.56		0.12		0.5	1	88	*	09/25/2025
Orthophosphate as P	mg/L	90-110	0.59		0.069		0.5	1	105		09/25/2025