

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-11
Client ID:	SY-3DMS	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	12.9	OR	11.8	OR	1	1	110		09/30/2025
Bromide	mg/L	80-120	10.2		0.37	U	10	1	102		09/25/2025
Chloride	mg/L	80-120	921	OR	967	OR	3	1	-1533	*	09/25/2025
TKN	mg/L	75-125	15.7	OR	10.1	OR	5	1	112		09/30/2025
Fluoride	mg/L	80-120	2.20		0.26	J	2	1	97		09/25/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		09/25/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		09/25/2025
Sulfate	mg/L	80-120	53.8	OR	39.9	OR	15	1	93		09/25/2025
Orthophosphate as P	mg/L	80-120	3.40		0.34	U	5	1	68	*	09/25/2025

Matrix Spike Summary

Client:	Lockwood, Kessler & Bartlett, Inc.	SDG No.:	Q3202
Project:	Syosset Landfill 2025	Sample ID:	Q3202-11
Client ID:	SY-3DMSD	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	12.8	OR	11.8	OR	1	1	100		09/30/2025
Bromide	mg/L	80-120	10.0		0.37	U	10	1	100		09/25/2025
Chloride	mg/L	80-120	925	OR	967	OR	3	1	-1400	*	09/25/2025
TKN	mg/L	75-125	15.6	OR	10.1	OR	5	1	110		09/30/2025
Fluoride	mg/L	80-120	2.20		0.26	J	2	1	97		09/25/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		09/25/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		09/25/2025
Sulfate	mg/L	80-120	53.6	OR	39.9	OR	15	1	91		09/25/2025
Orthophosphate as P	mg/L	80-120	2.70		0.34	U	5	1	54	*	09/25/2025