

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25 12:30
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	51.3		1	1.00	2.00	mg/L		10/06/25 12:46	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	09/29/25 13:00	09/30/25 13:46	SM 4500-NH3 B plus G-21
Chloride	299	OR	1	0.19	0.60	mg/L		09/25/25 11:17	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		09/25/25 11:17	300.0
Nitrate	3.00		1	0.095	0.50	mg/L		09/25/25 11:17	300.0
Sulfate	13.4		1	0.46	3.00	mg/L		09/25/25 11:17	300.0
Nitrate+Nitrite	3.00		1	0.17	1.10	mg/L		09/25/25 11:17	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		09/25/25 10:00	SM 5210 B-16
pH	5.94	H	1	0	0	pH		09/26/25 08:37	SM 4500-H B-21
TDS	89.0		1	1.00	10.0	mg/L		09/30/25 12:30	SM 2540 C-20
TKN	0.52		1	0.11	0.50	mg/L	09/30/25 09:00	09/30/25 15:56	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	3.52		1	0.31	1.30	mg/L		09/30/25 15:56	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	58.9		1	1.00	4.00	mg/L		09/30/25 10:00	SM 2540 D-20
Turbidity	50.4		1	0.15	1.00	NTU		09/25/25 10:15	SM 2130 B-20

Comments: The alkalinity to pH 4.35=51.3 mg CaCO₃/L, pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits