

Report of Analysis

Client: Lockwood, Kessler & Bartlett, Inc.
Project: Syosset Landfill 2025
Client Sample ID: SY-12D
Lab Sample ID: Q3560-09

Date Collected: 11/05/25 16:00
Date Received: 11/06/25
SDG No.: Q3560
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	47.7		1	1.00	2.00	mg/L		11/14/25 12:39	SM 2320 B-21
Ammonia as N	1.40		1	0.030	0.10	mg/L	11/10/25 11:40	11/11/25 12:07	SM 4500-NH3 B plus G-21
Chloride	180	OR	1	0.19	0.60	mg/L		11/06/25 16:39	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/06/25 16:39	300.0
Nitrate	8.90	OR	1	0.095	0.50	mg/L		11/06/25 16:39	300.0
Sulfate	158	OR	1	0.46	3.00	mg/L		11/06/25 16:39	300.0
Nitrate+Nitrite	9.00		1	0.26	1.60	mg/L		11/06/25 16:39	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/06/25 16:00	SM 5210 B-16
Cyanide	0.048	U	1	0.048	0.25	mg/L	11/10/25 12:10	11/10/25 14:39	9012B
pH	5.80	H	1	0	0	pH		11/06/25 16:39	9040C
TDS	539		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	1.40		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	2.50		1	0.35	1.00	mg/L		11/12/25 15:10	SM 5310 B-14
Nitrogen	10.4		1	0.31	1.30	mg/L		11/12/25 12:04	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		11/07/25 10:00	SM 2540 D-20
Turbidity	0.31	J	1	0.15	1.00	NTU		11/07/25 09:24	SM 2130 B-20

Comments: pH result reported at temperature 20.5 °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