

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25 11:45
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4	SDG No.:	Q3254
Lab Sample ID:	Q3254-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	424		1	1.00	2.00	mg/L		10/06/25 13:20	SM 2320 B-21
Ammonia as N	11.7	OR	1	0.030	0.10	mg/L	10/02/25 14:10	10/03/25 10:29	SM 4500-NH3 B plus G-21
Chloride	552	OR	1	0.19	0.60	mg/L		09/30/25 15:29	300.0
Nitrite	0.60	U	1	0.074	0.60	mg/L		09/30/25 15:29	300.0
Nitrate	0.50	U	1	0.095	0.50	mg/L		09/30/25 15:29	300.0
Sulfate	33.2		1	0.46	3.00	mg/L		09/30/25 15:29	300.0
Nitrate+Nitrite	1.10	U	1	0.17	1.10	mg/L		09/30/25 15:29	300.0
BOD5	44.5		1	0.20	2.00	mg/L		10/01/25 09:30	SM 5210 B-16
TDS	1060		1	1.00	10.0	mg/L		10/02/25 12:30	SM 2540 C-20
TKN	11.3	OR	1	0.11	0.50	mg/L	10/02/25 08:50	10/03/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	11.3		1	0.31	1.30	mg/L		10/03/25 14:38	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	23.3		1	1.00	4.00	mg/L		10/03/25 13:30	SM 2540 D-20
Turbidity	142		1	0.15	1.00	NTU		10/01/25 09:50	SM 2130 B-20

Comments: The alkalinity to pH 4.48=424 mg CaCO3/L

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