

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	06/16/25 09:30
Project:	Ansonia Landfill 2025	Date Received:	06/17/25
Client Sample ID:	MW-1	SDG No.:	Q2344
Lab Sample ID:	Q2344-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	63.6		1	1.00	2.00	mg/L		06/19/25 12:43	SM 2320 B-21
Ammonia as N	0.030	U	1	0.030	0.10	mg/L	06/23/25 08:50	06/24/25 09:50	SM 4500-NH3 B plus G-21
Chloride	112	OR	1	0.19	0.60	mg/L		06/17/25 16:42	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		06/17/25 16:42	300.0
Nitrate	1.80		1	0.095	0.50	mg/L		06/17/25 16:42	300.0
Sulfate	31.7		1	0.46	3.00	mg/L		06/17/25 16:42	300.0
Nitrate+Nitrite	1.80		1	0.17	1.10	mg/L		06/17/25 16:42	300.0
BOD5	5.70		1	0.20	2.00	mg/L		06/18/25 09:25	SM 5210 B-16
pH	6.16	H	1	0	0	pH		06/18/25 10:47	SM 4500-H B-21
TDS	136		1	1.00	10.0	mg/L		06/17/25 17:20	SM 2540 C-20
TKN	0.36	J	1	0.11	0.50	mg/L	06/23/25 09:40	06/24/25 12:47	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	2.16		1	0.31	1.30	mg/L		06/24/25 12:47	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		06/18/25 18:00	SM 2540 D-20
Turbidity	1.15		1	0.15	1.00	NTU		06/18/25 09:16	SM 2130 B-20

Comments: The alkalinity to pH 4.31=63.6 mg CaCO3/L, pH result reported at temperature 20.4 °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