

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25 12:10
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-4	SDG No.:	Q1782
Lab Sample ID:	Q1782-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	142		1	1.00	2.00	mg/L		04/16/25 10:44	SM 2320 B-11
Ammonia as N	0.45		1	0.030	0.10	mg/L	04/17/25 14:00	04/18/25 09:51	SM 4500-NH3 B plus G-11
Chloride	616	OR	1	0.19	0.60	mg/L		04/11/25 10:40	300.0
Nitrite	0.074	U	1	0.074	0.60	mg/L		04/11/25 10:40	300.0
Nitrate	6.30	OR	1	0.095	0.50	mg/L		04/11/25 10:40	300.0
Sulfate	17.2		1	0.46	3.00	mg/L		04/11/25 10:40	300.0
Nitrate+Nitrite	5.80		1	0.26	1.60	mg/L		04/11/25 10:40	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		04/11/25 10:00	SM 5210 B-16
pH	6.68	H	1	0	0	pH		04/11/25 10:45	9040C
TDS	956		1	1.00	10.0	mg/L		04/11/25 12:30	SM 2540 C-15
TKN	1.00		1	0.11	0.50	mg/L	04/17/25 08:50	04/18/25 13:42	SM4500-N Org C-11 plus NH3 B plus G-11
Nitrogen	6.80		1	0.31	1.30	mg/L		04/18/25 13:42	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		04/15/25 10:30	SM 2540 D-15
Turbidity	0.45	J	1	0.15	1.00	NTU		04/11/25 10:21	SM 2130 B-11

Comments: The alkalinity to pH 4.35=142 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