

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	10/23/24 10:05
Project:	Ansonia Landfill 2024	Date Received:	10/24/24
Client Sample ID:	MW-1	SDG No.:	P4548
Lab Sample ID:	P4548-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	49.5		1	1.00	2.00	mg/L		11/04/24 10:25	SM 2320 B-11
Ammonia as N	0.045	U	1	0.045	0.10	mg/L	10/28/24 08:40	10/28/24 13:42	SM 4500-NH3 B plus G-11
Chloride	146	OR	1	0.011	0.60	mg/L		10/25/24 09:35	300.0
Nitrite	0.011	U	1	0.011	0.60	mg/L		10/25/24 09:35	300.0
Nitrate	1.30		1	0.0034	0.50	mg/L		10/25/24 09:35	300.0
Sulfate	31.6		1	0.032	3.00	mg/L		10/25/24 09:35	300.0
Nitrate+Nitrite	1.30		1	0.010	1.10	mg/L		10/25/24 09:35	300.0
BOD5	0.17	U	1	0.17	2.00	mg/L		10/25/24 09:30	SM 5210 B-16
pH	5.81	H	1	0	0	pH		10/25/24 10:10	9040C
TDS	422		1	1.00	10.0	mg/L		10/25/24 12:30	SM 2540 C-15
TKN	0.18	U	1	0.18	0.50	mg/L	10/28/24 09:30	10/28/24 16:20	SM4500-N Org C-11 plus NH3 B plus G-11
Nitrogen	1.30		1	0.31	1.30	mg/L		10/28/24 16:20	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	1.00	U	1	1.00	4.00	mg/L		10/28/24 09:00	SM 2540 D-15
Turbidity	0.38	J	1	0.075	1.00	NTU		10/25/24 09:26	SM 2130 B-11

Comments: The alkalinity to pH 4.29=49.5 mg CaCO3/L, pH result reported at temperature 20.3 °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