

## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 04/09/25 10:15 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 04/10/25       |
| Client Sample ID: | MW-1                               | SDG No.:        | Q1782          |
| Lab Sample ID:    | Q1782-01                           | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter       | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                                         |
|-----------------|-------|------|----|-------|------------|-------|----------------|----------------|--------------------------------------------------|
| Alkalinity      | 76.6  |      | 1  | 1.00  | 2.00       | mg/L  |                | 04/16/25 10:26 | SM 2320 B-11                                     |
| Ammonia as N    | 0.030 | U    | 1  | 0.030 | 0.10       | mg/L  | 04/17/25 14:00 | 04/18/25 09:40 | SM 4500-NH3<br>B plus G-11                       |
| Chloride        | 115   | OR   | 1  | 0.19  | 0.60       | mg/L  |                | 04/11/25 09:35 | 300.0                                            |
| Nitrite         | 0.074 | U    | 1  | 0.074 | 0.60       | mg/L  |                | 04/11/25 09:35 | 300.0                                            |
| Nitrate         | 2.10  |      | 1  | 0.095 | 0.50       | mg/L  |                | 04/11/25 09:35 | 300.0                                            |
| Sulfate         | 40.7  | OR   | 1  | 0.46  | 3.00       | mg/L  |                | 04/11/25 09:35 | 300.0                                            |
| Nitrate+Nitrite | 2.10  |      | 1  | 0.17  | 1.10       | mg/L  |                | 04/11/25 09:35 | 300.0                                            |
| BOD5            | 0.20  | U    | 1  | 0.20  | 2.00       | mg/L  |                | 04/11/25 10:00 | SM 5210 B-16                                     |
| pH              | 5.95  | H    | 1  | 0     | 0          | pH    |                | 04/11/25 10:30 | 9040C                                            |
| TDS             | 331   |      | 1  | 1.00  | 10.0       | mg/L  |                | 04/11/25 12:30 | SM 2540 C-15                                     |
| TKN             | 0.42  | J    | 1  | 0.11  | 0.50       | mg/L  | 04/17/25 08:50 | 04/18/25 13:31 | SM4500-N Org<br>C-11 plus NH3<br>B plus G-11     |
| Nitrogen        | 2.52  |      | 1  | 0.31  | 1.30       | mg/L  |                | 04/18/25 13:31 | SM 4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 |
| TSS             | 1.00  | U    | 1  | 1.00  | 4.00       | mg/L  |                | 04/15/25 10:30 | SM 2540 D-15                                     |
| Turbidity       | 0.79  | J    | 1  | 0.15  | 1.00       | NTU   |                | 04/11/25 10:07 | SM 2130 B-11                                     |

Comments: The alkalinity to pH 4.32=76.6 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