

## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/23/25 11:30 |
| Project:          | Syosset Landfill 2025              | Date Received:  | 09/24/25       |
| Client Sample ID: | SY-2R                              | SDG No.:        | Q3202          |
| Lab Sample ID:    | Q3202-03                           | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter       | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.   |
|-----------------|-------|------|----|-------|------------|-------|----------------|----------------|--|
| Alkalinity      | 28.5  |      | 1  | 1.00  | 2.00       | mg/L  |                | 10/06/25 12:37 | SM 2320 B-21                                     |
| Ammonia as N    | 0.030 | U    | 1  | 0.030 | 0.10       | mg/L  | 09/29/25 13:00 | 09/30/25 13:46 | SM 4500-NH3<br>B plus G-21                       |
| Chloride        | 388   | OR   | 1  | 0.19  | 0.60       | mg/L  |                | 09/25/25 10:34 | 300.0  |
| Nitrite         | 0.074 | U    | 1  | 0.074 | 0.60       | mg/L  |                | 09/25/25 10:34 | 300.0  |
| Nitrate         | 3.00  |      | 1  | 0.095 | 0.50       | mg/L  |                | 09/25/25 10:34 | 300.0  |
| Sulfate         | 22.0  |      | 1  | 0.46  | 3.00       | mg/L  |                | 09/25/25 10:34 | 300.0  |
| Nitrate+Nitrite | 3.00  |      | 1  | 0.17  | 1.10       | mg/L  |                | 09/25/25 10:34 | 300.0  |
| BOD5            | 0.20  | U    | 1  | 0.20  | 2.00       | mg/L  |                | 09/25/25 10:00 | SM 5210 B-16                                     |
| pH              | 5.46  | H    | 1  | 0     | 0          | pH    |                | 09/26/25 08:22 | SM 4500-H<br>B-21                                |
| TDS             | 660   | H    | 1  | 1.00  | 10.0       | mg/L  |                | 09/30/25 12:30 | SM 2540 C-20                                     |
| TKN             | 0.27  | J    | 1  | 0.11  | 0.50       | mg/L  | 09/30/25 09:00 | 09/30/25 15:56 | SM4500-N Org<br>C-21 plus NH3<br>B plus G-21     |
| Nitrogen        | 3.27  |      | 1  | 0.31  | 1.30       | mg/L  |                | 09/30/25 15:56 | SM 4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 |
| TSS             | 2.10  | J    | 1  | 1.00  | 4.00       | mg/L  |                | 09/30/25 10:00 | SM 2540 D-20                                     |
| Turbidity       | 1.41  |      | 1  | 0.15  | 1.00       | NTU   |                | 09/25/25 10:09 | SM 2130 B-20                                     |

Comments: The alkalinity to pH 4.36=28.5 mg CaCO<sub>3</sub>/L, pH result reported at temperature 20.6 °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