

## LAB CHRONICLE

|                 |                                    |                   |                       |
|-----------------|------------------------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q3254                              | <b>OrderDate:</b> | 9/30/2025 12:37:00 PM |
| <b>Client:</b>  | Lockwood, Kessler & Bartlett, Inc. | <b>Project:</b>   | Ansonia Landfill 2025 |
| <b>Contact:</b> | John Gerlach                       | <b>Location:</b>  | D31,VOA Ref. #3 Water |

| LabID             | ClientID      | Matrix       | Test           | Method                                          | Sample Date               | Prep Date | Anal Date         | Received        |
|-------------------|---------------|--------------|----------------|-------------------------------------------------|---------------------------|-----------|-------------------|-----------------|
| <b>Q3254-01</b>   | <b>MW-1</b>   | <b>WATER</b> |                |                                                 | <b>09/29/25<br/>09:45</b> |           |                   | <b>09/30/25</b> |
|                   |               |              | Alkalinity     | SM2320 B                                        |                           |           | 10/06/25<br>13:04 |                 |
|                   |               |              | Ammonia        | SM4500-NH3                                      |                           | 10/02/25  | 10/03/25<br>10:29 |                 |
|                   |               |              | Anions Group1  | 300.0                                           |                           |           | 09/30/25<br>13:41 |                 |
|                   |               |              | BOD5           | SM5210 B                                        |                           |           | 10/01/25<br>09:30 |                 |
|                   |               |              | TDS            | SM2540 C                                        |                           |           | 10/02/25<br>12:30 |                 |
|                   |               |              | TKN            | SM4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 |                           | 10/02/25  | 10/03/25<br>14:22 |                 |
|                   |               |              | Total Nitrogen | Cal                                             |                           |           | 10/03/25<br>14:22 |                 |
|                   |               |              | TSS            | SM2540 D                                        |                           |           | 10/03/25<br>13:30 |                 |
|                   |               |              | Turbidity      | SM2130 B                                        |                           |           | 10/01/25<br>09:40 |                 |
| <b>Q3254-01DL</b> | <b>MW-1DL</b> | <b>WATER</b> |                |                                                 | <b>09/29/25<br/>09:45</b> |           |                   | <b>09/30/25</b> |
|                   |               |              | Anions Group1  | 300.0                                           |                           |           | 09/30/25<br>16:34 |                 |
| <b>Q3254-03</b>   | <b>MW-2</b>   | <b>WATER</b> |                |                                                 | <b>09/29/25<br/>11:15</b> |           |                   | <b>09/30/25</b> |
|                   |               |              | Alkalinity     | SM2320 B                                        |                           |           | 10/06/25<br>13:10 |                 |

### LAB CHRONICLE

|            |        |       |                |                                                 |                           |                   |
|------------|--------|-------|----------------|-------------------------------------------------|---------------------------|-------------------|
| Q3254-03DL | MW-2DL | WATER | Ammonia        | SM4500-NH3                                      | 10/02/25                  | 10/03/25<br>10:29 |
|            |        |       | Anions Group1  | 300.0                                           |                           | 09/30/25<br>14:46 |
|            |        |       | BOD5           | SM5210 B                                        |                           | 10/01/25<br>09:30 |
|            |        |       | TDS            | SM2540 C                                        |                           | 10/02/25<br>12:30 |
|            |        |       | TKN            | SM4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 | 10/02/25                  | 10/03/25<br>14:22 |
|            |        |       | Total Nitrogen | Cal                                             |                           | 10/03/25<br>14:33 |
|            |        |       | TSS            | SM2540 D                                        |                           | 10/03/25<br>13:30 |
|            |        |       | Turbidity      | SM2130 B                                        |                           | 10/01/25<br>09:45 |
|            |        |       |                |                                                 | <b>09/29/25<br/>11:15</b> |                   |
|            |        |       |                |                                                 |                           | <b>09/30/25</b>   |
| Q3254-05   | MW-3   | WATER | Ammonia        | SM4500-NH3                                      | 10/02/25                  | 10/03/25<br>11:10 |
|            |        |       | Anions Group1  | 300.0                                           |                           | 09/30/25<br>16:55 |
|            |        |       | TKN            | SM4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 | 10/02/25                  | 10/03/25<br>14:33 |
|            |        |       |                |                                                 | <b>09/29/25<br/>12:30</b> |                   |
|            |        |       |                |                                                 |                           | <b>09/30/25</b>   |
|            |        |       | Alkalinity     | SM2320 B                                        |                           | 10/06/25<br>13:14 |
|            |        |       | Ammonia        | SM4500-NH3                                      | 10/02/25                  | 10/03/25<br>10:29 |
|            |        |       | Anions Group1  | 300.0                                           |                           | 09/30/25<br>15:08 |
|            |        |       | BOD5           | SM5210 B                                        |                           | 10/01/25<br>09:30 |
|            |        |       | TDS            | SM2540 C                                        |                           | 10/02/25<br>12:30 |
|            |        |       |                |                                                 |                           |                   |

## LAB CHRONICLE

|            |        |       |                |                                                 |          |                   |                   |          |
|------------|--------|-------|----------------|-------------------------------------------------|----------|-------------------|-------------------|----------|
| Q3254-05DL | MW-3DL | WATER | TKN            | SM4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 | 10/02/25 | 10/03/25<br>14:22 | 09/29/25<br>12:30 | 09/30/25 |
|            |        |       | Total Nitrogen | Cal                                             |          | 10/03/25<br>14:22 |                   |          |
|            |        |       | TSS            | SM2540 D                                        |          | 10/03/25<br>13:30 |                   |          |
|            |        |       | Turbidity      | SM2130 B                                        |          | 10/01/25<br>09:47 |                   |          |
|            |        |       | Ammonia        | SM4500-NH3                                      | 10/02/25 | 10/03/25<br>11:10 |                   |          |
| Q3254-07   | MW-4   | WATER | Anions Group1  | 300.0                                           |          | 09/30/25<br>18:00 | 09/29/25<br>11:45 | 09/30/25 |
|            |        |       | Alkalinity     | SM2320 B                                        |          | 10/06/25<br>13:20 |                   |          |
|            |        |       | Ammonia        | SM4500-NH3                                      | 10/02/25 | 10/03/25<br>10:29 |                   |          |
|            |        |       | Anions Group1  | 300.0                                           |          | 09/30/25<br>15:29 |                   |          |
|            |        |       | BOD5           | SM5210 B                                        |          | 10/01/25<br>09:30 |                   |          |
|            |        |       | TDS            | SM2540 C                                        |          | 10/02/25<br>12:30 |                   |          |
|            |        |       | TKN            | SM4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 | 10/02/25 | 10/03/25<br>14:22 |                   |          |
|            |        |       | Total Nitrogen | Cal                                             |          | 10/03/25<br>14:38 |                   |          |
|            |        |       | TSS            | SM2540 D                                        |          | 10/03/25<br>13:30 |                   |          |
|            |        |       | Turbidity      | SM2130 B                                        |          | 10/01/25<br>09:50 |                   |          |

## LAB CHRONICLE

**Q3254-07DL**

**MW-4DL**

**WATER**

**09/29/25  
11:45**

**09/30/25**

Ammonia

SM4500-NH3

10/02/25

10/03/25  
11:10

Anions Group1  
TKN

300.0  
SM4500-N  
Org C-11 plus  
NH3 B plus  
G-11

10/02/25

09/30/25  
18:21  
10/03/25  
14:38



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/29/25 09:45 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25       |
| Client Sample ID: | MW-1                               | SDG No.:        | Q3254          |
| Lab Sample ID:    | Q3254-01                           | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter       | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                                         |
|-----------------|-------|------|----|-------|------------|-------|----------------|----------------|--------------------------------------------------|
| Alkalinity      | 57.7  |      | 1  | 1.00  | 2.00       | mg/L  |                | 10/06/25 13:04 | SM 2320 B-21                                     |
| Ammonia as N    | 0.10  | U    | 1  | 0.030 | 0.10       | mg/L  | 10/02/25 14:10 | 10/03/25 10:29 | SM 4500-NH3<br>B plus G-21                       |
| Chloride        | 167   | OR   | 1  | 0.19  | 0.60       | mg/L  |                | 09/30/25 13:41 | 300.0                                            |
| Nitrite         | 0.60  | U    | 1  | 0.074 | 0.60       | mg/L  |                | 09/30/25 13:41 | 300.0                                            |
| Nitrate         | 3.20  |      | 1  | 0.095 | 0.50       | mg/L  |                | 09/30/25 13:41 | 300.0                                            |
| Sulfate         | 27.8  |      | 1  | 0.46  | 3.00       | mg/L  |                | 09/30/25 13:41 | 300.0                                            |
| Nitrate+Nitrite | 3.20  |      | 1  | 0.17  | 1.10       | mg/L  |                | 09/30/25 13:41 | 300.0                                            |
| BOD5            | 2.00  | U    | 1  | 0.20  | 2.00       | mg/L  |                | 10/01/25 09:30 | SM 5210 B-16                                     |
| TDS             | 321   |      | 1  | 1.00  | 10.0       | mg/L  |                | 10/02/25 12:30 | SM 2540 C-20                                     |
| TKN             | 0.18  | J    | 1  | 0.11  | 0.50       | mg/L  | 10/02/25 08:50 | 10/03/25 14:22 | SM4500-N Org<br>C-21 plus NH3<br>B plus G-21     |
| Nitrogen        | 3.38  |      | 1  | 0.31  | 1.30       | mg/L  |                | 10/03/25 14:22 | SM 4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 |
| TSS             | 4.00  | U    | 1  | 1.00  | 4.00       | mg/L  |                | 10/03/25 13:30 | SM 2540 D-20                                     |
| Turbidity       | 0.41  | J    | 1  | 0.15  | 1.00       | NTU   |                | 10/01/25 09:40 | SM 2130 B-20                                     |

Comments: The alkalinity to pH 4.25=57.7 mg CaCO3/L

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

## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/29/25 09:45 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25       |
| Client Sample ID: | MW-1DL                             | SDG No.:        | Q3254          |
| Lab Sample ID:    | Q3254-01DL                         | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|------|------------|-------|-----------|----------------|----------|
| Chloride  | 120   | D    | 50 | 9.50 | 30.0       | mg/L  |           | 09/30/25 16:34 | 300.0    |

Comments:

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## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/29/25 11:15 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25       |
| Client Sample ID: | MW-2                               | SDG No.:        | Q3254          |
| Lab Sample ID:    | Q3254-03                           | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter       | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                                         |
|-----------------|-------|------|----|-------|------------|-------|----------------|----------------|--------------------------------------------------|
| Alkalinity      | 427   |      | 1  | 1.00  | 2.00       | mg/L  |                | 10/06/25 13:10 | SM 2320 B-21                                     |
| Ammonia as N    | 11.8  | OR   | 1  | 0.030 | 0.10       | mg/L  | 10/02/25 14:10 | 10/03/25 10:29 | SM 4500-NH3<br>B plus G-21                       |
| Chloride        | 551   | OR   | 1  | 0.19  | 0.60       | mg/L  |                | 09/30/25 14:46 | 300.0                                            |
| Nitrite         | 0.60  | U    | 1  | 0.074 | 0.60       | mg/L  |                | 09/30/25 14:46 | 300.0                                            |
| Nitrate         | 0.50  | U    | 1  | 0.095 | 0.50       | mg/L  |                | 09/30/25 14:46 | 300.0                                            |
| Sulfate         | 33.0  |      | 1  | 0.46  | 3.00       | mg/L  |                | 09/30/25 14:46 | 300.0                                            |
| Nitrate+Nitrite | 1.10  | U    | 1  | 0.17  | 1.10       | mg/L  |                | 09/30/25 14:46 | 300.0                                            |
| BOD5            | 42.1  |      | 1  | 0.20  | 2.00       | mg/L  |                | 10/01/25 09:30 | SM 5210 B-16                                     |
| TDS             | 1120  |      | 1  | 1.00  | 10.0       | mg/L  |                | 10/02/25 12:30 | SM 2540 C-20                                     |
| TKN             | 10.8  | OR   | 1  | 0.11  | 0.50       | mg/L  | 10/02/25 08:50 | 10/03/25 14:22 | SM4500-N Org<br>C-21 plus NH3<br>B plus G-21     |
| Nitrogen        | 10.7  |      | 1  | 0.31  | 1.30       | mg/L  |                | 10/03/25 14:33 | SM 4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 |
| TSS             | 49.5  |      | 1  | 1.00  | 4.00       | mg/L  |                | 10/03/25 13:30 | SM 2540 D-20                                     |
| Turbidity       | 146   |      | 1  | 0.15  | 1.00       | NTU   |                | 10/01/25 09:45 | SM 2130 B-20                                     |

Comments: The alkalinity to pH 4.44=427 mg CaCO3/L

U = Not Detected

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N =Spiked sample recovery not within control limits



## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/29/25 11:15 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25       |
| Client Sample ID: | MW-2DL                             | SDG No.:        | Q3254          |
| Lab Sample ID:    | Q3254-03DL                         | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter    | Conc. | Qua. | DF  | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                                     |
|--------------|-------|------|-----|------|------------|-------|----------------|----------------|----------------------------------------------|
| Ammonia as N | 11.1  | D    | 10  | 0.30 | 1.00       | mg/L  | 10/02/25 14:10 | 10/03/25 11:10 | SM 4500-NH3<br>B plus G-21                   |
| Chloride     | 369   | D    | 100 | 19.0 | 60.0       | mg/L  |                | 09/30/25 16:55 | 300.0                                        |
| TKN          | 10.7  | D    | 2   | 0.22 | 1.00       | mg/L  | 10/02/25 08:50 | 10/03/25 14:33 | SM4500-N Org<br>C-21 plus NH3<br>B plus G-21 |

Comments:

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## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/29/25 12:30 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25       |
| Client Sample ID: | MW-3                               | SDG No.:        | Q3254          |
| Lab Sample ID:    | Q3254-05                           | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter       | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                                         |
|-----------------|-------|------|----|-------|------------|-------|----------------|----------------|--------------------------------------------------|
| Alkalinity      | 374   |      | 1  | 1.00  | 2.00       | mg/L  |                | 10/06/25 13:14 | SM 2320 B-21                                     |
| Ammonia as N    | 4.80  | OR   | 1  | 0.030 | 0.10       | mg/L  | 10/02/25 14:10 | 10/03/25 10:29 | SM 4500-NH3<br>B plus G-21                       |
| Chloride        | 384   | OR   | 1  | 0.19  | 0.60       | mg/L  |                | 09/30/25 15:08 | 300.0                                            |
| Nitrite         | 0.60  | U    | 1  | 0.074 | 0.60       | mg/L  |                | 09/30/25 15:08 | 300.0                                            |
| Nitrate         | 0.97  |      | 1  | 0.095 | 0.50       | mg/L  |                | 09/30/25 15:08 | 300.0                                            |
| Sulfate         | 28.3  |      | 1  | 0.46  | 3.00       | mg/L  |                | 09/30/25 15:08 | 300.0                                            |
| Nitrate+Nitrite | 0.97  | J    | 1  | 0.17  | 1.10       | mg/L  |                | 09/30/25 15:08 | 300.0                                            |
| BOD5            | 25.6  |      | 1  | 0.20  | 2.00       | mg/L  |                | 10/01/25 09:30 | SM 5210 B-16                                     |
| TDS             | 875   |      | 1  | 1.00  | 10.0       | mg/L  |                | 10/02/25 12:30 | SM 2540 C-20                                     |
| TKN             | 4.90  |      | 1  | 0.11  | 0.50       | mg/L  | 10/02/25 08:50 | 10/03/25 14:22 | SM4500-N Org<br>C-21 plus NH3<br>B plus G-21     |
| Nitrogen        | 5.87  |      | 1  | 0.31  | 1.30       | mg/L  |                | 10/03/25 14:22 | SM 4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 |
| TSS             | 11.0  |      | 1  | 1.00  | 4.00       | mg/L  |                | 10/03/25 13:30 | SM 2540 D-20                                     |
| Turbidity       | 28.9  |      | 1  | 0.15  | 1.00       | NTU   |                | 10/01/25 09:47 | SM 2130 B-20                                     |

Comments: The alkalinity to pH 4.22=374 mg CaCO3/L

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OR = Over Range

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## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/29/25 12:30 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25       |
| Client Sample ID: | MW-3DL                             | SDG No.:        | Q3254          |
| Lab Sample ID:    | Q3254-05DL                         | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter    | Conc. | Qua. | DF  | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                   |
|--------------|-------|------|-----|------|------------|-------|----------------|----------------|----------------------------|
| Ammonia as N | 4.60  | D    | 5   | 0.15 | 0.50       | mg/L  | 10/02/25 14:10 | 10/03/25 11:10 | SM 4500-NH3<br>B plus G-21 |
| Chloride     | 261   | D    | 100 | 19.0 | 60.0       | mg/L  |                | 09/30/25 18:00 | 300.0                      |

Comments: \_\_\_\_\_

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## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/29/25 11:45 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25       |
| Client Sample ID: | MW-4                               | SDG No.:        | Q3254          |
| Lab Sample ID:    | Q3254-07                           | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter       | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                                         |
|-----------------|-------|------|----|-------|------------|-------|----------------|----------------|--------------------------------------------------|
| Alkalinity      | 424   |      | 1  | 1.00  | 2.00       | mg/L  |                | 10/06/25 13:20 | SM 2320 B-21                                     |
| Ammonia as N    | 11.7  | OR   | 1  | 0.030 | 0.10       | mg/L  | 10/02/25 14:10 | 10/03/25 10:29 | SM 4500-NH3<br>B plus G-21                       |
| Chloride        | 552   | OR   | 1  | 0.19  | 0.60       | mg/L  |                | 09/30/25 15:29 | 300.0                                            |
| Nitrite         | 0.60  | U    | 1  | 0.074 | 0.60       | mg/L  |                | 09/30/25 15:29 | 300.0                                            |
| Nitrate         | 0.50  | U    | 1  | 0.095 | 0.50       | mg/L  |                | 09/30/25 15:29 | 300.0                                            |
| Sulfate         | 33.2  |      | 1  | 0.46  | 3.00       | mg/L  |                | 09/30/25 15:29 | 300.0                                            |
| Nitrate+Nitrite | 1.10  | U    | 1  | 0.17  | 1.10       | mg/L  |                | 09/30/25 15:29 | 300.0                                            |
| BOD5            | 44.5  |      | 1  | 0.20  | 2.00       | mg/L  |                | 10/01/25 09:30 | SM 5210 B-16                                     |
| TDS             | 1060  |      | 1  | 1.00  | 10.0       | mg/L  |                | 10/02/25 12:30 | SM 2540 C-20                                     |
| TKN             | 11.3  | OR   | 1  | 0.11  | 0.50       | mg/L  | 10/02/25 08:50 | 10/03/25 14:22 | SM4500-N Org<br>C-21 plus NH3<br>B plus G-21     |
| Nitrogen        | 11.3  |      | 1  | 0.31  | 1.30       | mg/L  |                | 10/03/25 14:38 | SM 4500-N<br>Org C-11 plus<br>NH3 B plus<br>G-11 |
| TSS             | 23.3  |      | 1  | 1.00  | 4.00       | mg/L  |                | 10/03/25 13:30 | SM 2540 D-20                                     |
| Turbidity       | 142   |      | 1  | 0.15  | 1.00       | NTU   |                | 10/01/25 09:50 | SM 2130 B-20                                     |

Comments: The alkalinity to pH 4.48=424 mg CaCO3/L

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

## Report of Analysis

|                   |                                    |                 |                |
|-------------------|------------------------------------|-----------------|----------------|
| Client:           | Lockwood, Kessler & Bartlett, Inc. | Date Collected: | 09/29/25 11:45 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25       |
| Client Sample ID: | MW-4DL                             | SDG No.:        | Q3254          |
| Lab Sample ID:    | Q3254-07DL                         | Matrix:         | WATER          |
|                   |                                    | % Solid:        | 0              |

| Parameter    | Conc. | Qua. | DF  | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                                     |
|--------------|-------|------|-----|------|------------|-------|----------------|----------------|----------------------------------------------|
| Ammonia as N | 11.2  | D    | 10  | 0.30 | 1.00       | mg/L  | 10/02/25 14:10 | 10/03/25 11:10 | SM 4500-NH3<br>B plus G-21                   |
| Chloride     | 374   | D    | 100 | 19.0 | 60.0       | mg/L  |                | 09/30/25 18:21 | 300.0                                        |
| TKN          | 11.3  | D    | 2   | 0.22 | 1.00       | mg/L  | 10/02/25 08:50 | 10/03/25 14:38 | SM4500-N Org<br>C-21 plus NH3<br>B plus G-21 |

Comments: \_\_\_\_\_

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

# QC RESULT SUMMARY

## Initial and Continuing Calibration Verification

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**RunNo.:** LB137383

| Analyte                | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------------------|-------|--------|------------|------------|------------------------|---------------|
| <b>Sample ID: ICV1</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10     | 10         | 100        | 90-110                 | 09/09/2025    |
| Chloride               | mg/L  | 3      | 3          | 100        | 90-110                 | 09/09/2025    |
| Fluoride               | mg/L  | 2      | 2          | 100        | 90-110                 | 09/09/2025    |
| Nitrite                | mg/L  | 3      | 3          | 100        | 90-110                 | 09/09/2025    |
| Nitrate                | mg/L  | 2.5    | 2.5        | 100        | 90-110                 | 09/09/2025    |
| Sulfate                | mg/L  | 14.8   | 15         | 99         | 90-110                 | 09/09/2025    |
| Orthophosphate as P    | mg/L  | 5      | 5          | 100        | 90-110                 | 09/09/2025    |
| <b>Sample ID: CCV1</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10.5   | 10         | 105        | 90-110                 | 09/30/2025    |
| Chloride               | mg/L  | 3.1    | 3          | 103        | 90-110                 | 09/30/2025    |
| Fluoride               | mg/L  | 2.1    | 2          | 105        | 90-110                 | 09/30/2025    |
| Nitrite                | mg/L  | 3.1    | 3          | 103        | 90-110                 | 09/30/2025    |
| Nitrate                | mg/L  | 2.6    | 2.5        | 104        | 90-110                 | 09/30/2025    |
| Sulfate                | mg/L  | 15.4   | 15         | 103        | 90-110                 | 09/30/2025    |
| Orthophosphate as P    | mg/L  | 4.9    | 5          | 98         | 90-110                 | 09/30/2025    |
| <b>Sample ID: CCV2</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10.4   | 10         | 104        | 90-110                 | 09/30/2025    |
| Chloride               | mg/L  | 3.1    | 3          | 103        | 90-110                 | 09/30/2025    |
| Fluoride               | mg/L  | 2.1    | 2          | 105        | 90-110                 | 09/30/2025    |
| Nitrite                | mg/L  | 3.1    | 3          | 103        | 90-110                 | 09/30/2025    |
| Nitrate                | mg/L  | 2.6    | 2.5        | 104        | 90-110                 | 09/30/2025    |
| Sulfate                | mg/L  | 15.2   | 15         | 101        | 90-110                 | 09/30/2025    |
| Orthophosphate as P    | mg/L  | 5.3    | 5          | 106        | 90-110                 | 09/30/2025    |
| <b>Sample ID: CCV3</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10.4   | 10         | 104        | 90-110                 | 09/30/2025    |
| Chloride               | mg/L  | 3.1    | 3          | 103        | 90-110                 | 09/30/2025    |
| Fluoride               | mg/L  | 2.1    | 2          | 105        | 90-110                 | 09/30/2025    |
| Nitrite                | mg/L  | 3.1    | 3          | 103        | 90-110                 | 09/30/2025    |
| Nitrate                | mg/L  | 2.6    | 2.5        | 104        | 90-110                 | 09/30/2025    |
| Sulfate                | mg/L  | 15.3   | 15         | 102        | 90-110                 | 09/30/2025    |
| Orthophosphate as P    | mg/L  | 5.2    | 5          | 104        | 90-110                 | 09/30/2025    |

## Initial and Continuing Calibration Verification

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**RunNo.:** LB137384

| Analyte                 |      | Units | Result | True Value | %<br>Recovery | Acceptance<br>Window (%R) | Analysis<br>Date |
|-------------------------|------|-------|--------|------------|---------------|---------------------------|------------------|
| Sample ID:<br>Turbidity | ICV  | NTU   | 10.846 | 10         | 108           | 90-110                    | 10/01/2025       |
| Sample ID:<br>Turbidity | CCV1 | NTU   | 10.249 | 10         | 102           | 90-110                    | 10/01/2025       |
| Sample ID:<br>Turbidity | CCV2 | NTU   | 10.747 | 10         | 107           | 90-110                    | 10/01/2025       |



## Initial and Continuing Calibration Verification

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**RunNo.:** LB137417

| Analyte                                | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|----------------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV1</b><br>Ammonia as N | mg/L  | 0.98   | 1          | 98         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV1</b><br>Ammonia as N | mg/L  | 0.97   | 1          | 97         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV2</b><br>Ammonia as N | mg/L  | 0.97   | 1          | 97         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV3</b><br>Ammonia as N | mg/L  | 1      | 1          | 100        | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV4</b><br>Ammonia as N | mg/L  | 0.98   | 1          | 98         | 90-110                 | 10/03/2025    |

## Initial and Continuing Calibration Verification

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**RunNo.:** LB137420

| Analyte                       | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|-------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV1</b><br>TKN | mg/L  | 5.1    | 5          | 102        | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV1</b><br>TKN | mg/L  | 4.9    | 5          | 98         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV2</b><br>TKN | mg/L  | 4.9    | 5          | 98         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV3</b><br>TKN | mg/L  | 4.9    | 5          | 98         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV4</b><br>TKN | mg/L  | 5.1    | 5          | 102        | 90-110                 | 10/03/2025    |

## Initial and Continuing Calibration Blank Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**RunNo.:** LB137383

| Analyte                | Units | Result   | Acceptance Limits | Conc Qual | MDL   | RDL | Analysis Date |
|------------------------|-------|----------|-------------------|-----------|-------|-----|---------------|
| <b>Sample ID: ICB1</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 09/09/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 09/09/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 09/09/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 09/09/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 09/09/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 09/09/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 09/09/2025    |
| <b>Sample ID: CCB1</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 09/30/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 09/30/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 09/30/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 09/30/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 09/30/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 09/30/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 09/30/2025    |
| <b>Sample ID: CCB2</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 09/30/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 09/30/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 09/30/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 09/30/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 09/30/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 09/30/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 09/30/2025    |
| <b>Sample ID: CCB3</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 09/30/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 09/30/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 09/30/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 09/30/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 09/30/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 09/30/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 09/30/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**RunNo.:** LB137384

| Analyte    |      | Units | Result | Acceptance<br>Limits | Conc<br>Qual | MDL  | RDL | Analysis<br>Date |
|------------|------|-------|--------|----------------------|--------------|------|-----|------------------|
| Sample ID: | ICB  |       |        |                      |              |      |     |                  |
| Turbidity  |      | NTU   | 0.357  | 0.5000               | J            | 0.15 | 1.0 | 10/01/2025       |
| Sample ID: | CCB1 |       |        |                      |              |      |     |                  |
| Turbidity  |      | NTU   | 0.351  | 0.5000               | J            | 0.15 | 1   | 10/01/2025       |
| Sample ID: | CCB2 |       |        |                      |              |      |     |                  |
| Turbidity  |      | NTU   | 0.350  | 0.5000               | J            | 0.15 | 1   | 10/01/2025       |

### Initial and Continuing Calibration Blank Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**RunNo.:** LB137417

| Analyte                                | Units | Result   | Acceptance Limits | Conc Qual | MDL   | RDL | Analysis Date |
|----------------------------------------|-------|----------|-------------------|-----------|-------|-----|---------------|
| Sample ID: <b>ICB1</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |
| Sample ID: <b>CCB1</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |
| Sample ID: <b>CCB2</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |
| Sample ID: <b>CCB3</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |
| Sample ID: <b>CCB4</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**RunNo.:** LB137420

| Analyte                       | Units | Result | Acceptance Limits | Conc Qual | MDL  | RDL | Analysis Date |
|-------------------------------|-------|--------|-------------------|-----------|------|-----|---------------|
| Sample ID: <b>ICB1</b><br>TKN | mg/L  | 0.14   | 0.2500            | J         | 0.11 | 0.5 | 10/03/2025    |
| Sample ID: <b>CCB1</b><br>TKN | mg/L  | 0.14   | 0.2500            | J         | 0.11 | 0.5 | 10/03/2025    |
| Sample ID: <b>CCB2</b><br>TKN | mg/L  | 0.14   | 0.2500            | J         | 0.11 | 0.5 | 10/03/2025    |
| Sample ID: <b>CCB3</b><br>TKN | mg/L  | 0.13   | 0.2500            | J         | 0.11 | 0.5 | 10/03/2025    |
| Sample ID: <b>CCB4</b><br>TKN | mg/L  | 0.13   | 0.2500            | J         | 0.11 | 0.5 | 10/03/2025    |

## Preparation Blank Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

| Analyte                       | Units | Result   | Acceptance Limits | Conc Qual | MDL   | RDL | Analysis Date |
|-------------------------------|-------|----------|-------------------|-----------|-------|-----|---------------|
| Sample ID: <b>LB137381BL</b>  |       |          |                   |           |       |     |               |
| BOD5                          | mg/L  | < 0.2000 | 0.2000            | U         | 0.20  | 2.0 | 10/01/2025    |
| Sample ID: <b>LB137383BLW</b> |       |          |                   |           |       |     |               |
| Bromide                       | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 09/30/2025    |
| Chloride                      | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 09/30/2025    |
| Fluoride                      | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 09/30/2025    |
| Nitrite                       | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 09/30/2025    |
| Nitrate                       | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 09/30/2025    |
| Sulfate                       | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 09/30/2025    |
| Orthophosphate as P           | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 09/30/2025    |
| Sample ID: <b>LB137384BL</b>  |       |          |                   |           |       |     |               |
| Turbidity                     | NTU   | 0.34     | 0.5000            | J         | 0.15  | 1.0 | 10/01/2025    |
| Sample ID: <b>LB137393BL</b>  |       |          |                   |           |       |     |               |
| TDS                           | mg/L  | < 5.0000 | 5.0000            | U         | 1.0   | 10  | 10/02/2025    |
| Sample ID: <b>LB137419BL</b>  |       |          |                   |           |       |     |               |
| TSS                           | mg/L  | 1        | 2.0000            | J         | 1     | 4   | 10/03/2025    |
| Sample ID: <b>LB137431BLW</b> |       |          |                   |           |       |     |               |
| Alkalinity                    | mg/L  | < 1.0000 | 1.0000            | U         | 1     | 2   | 10/06/2025    |
| Sample ID: <b>PB169946BL</b>  |       |          |                   |           |       |     |               |
| Ammonia as N                  | mg/L  | < 0.0500 | 0.0500            | U         | 0.03  | 0.1 | 10/03/2025    |
| Sample ID: <b>PB169955BL</b>  |       |          |                   |           |       |     |               |
| TKN                           | mg/L  | 0.13     | 0.2500            | J         | 0.11  | 0.5 | 10/03/2025    |

## Matrix Spike Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3254-01 |
| <b>Client ID:</b> | MW-1MS                             | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Bromide             | mg/L  | 80-120                 | 9.50             |                    | 0.37             | U                  | 10             | 1                  | 95       |      | 09/30/2025       |
| Chloride            | mg/L  | 80-120                 | 162              | OR                 | 167              | OR                 | 3              | 1                  | -167     | *    | 09/30/2025       |
| Fluoride            | mg/L  | 80-120                 | 2.00             |                    | 0.11             | U                  | 2              | 1                  | 100      |      | 09/30/2025       |
| Nitrite             | mg/L  | 80-120                 | 2.80             |                    | 0.074            | U                  | 3              | 1                  | 93       |      | 09/30/2025       |
| Nitrate             | mg/L  | 80-120                 | 5.40             |                    | 3.20             |                    | 2.5            | 1                  | 88       |      | 09/30/2025       |
| Sulfate             | mg/L  | 80-120                 | 41.0             | OR                 | 27.8             |                    | 15             | 1                  | 88       |      | 09/30/2025       |
| Orthophosphate as P | mg/L  | 80-120                 | 0.34             | U                  | 0.34             | U                  | 5              | 1                  | 0        | *    | 09/30/2025       |



## Matrix Spike Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3254-01 |
| <b>Client ID:</b> | MW-1MSD                            | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Bromide             | mg/L  | 80-120                 | 9.90             |                    | 0.37             | U                  | 10             | 1                  | 99       |      | 09/30/2025       |
| Chloride            | mg/L  | 80-120                 | 162              | OR                 | 167              | OR                 | 3              | 1                  | -167     | *    | 09/30/2025       |
| Fluoride            | mg/L  | 80-120                 | 2.10             |                    | 0.11             | U                  | 2              | 1                  | 105      |      | 09/30/2025       |
| Nitrite             | mg/L  | 80-120                 | 2.90             |                    | 0.074            | U                  | 3              | 1                  | 97       |      | 09/30/2025       |
| Nitrate             | mg/L  | 80-120                 | 5.50             |                    | 3.20             |                    | 2.5            | 1                  | 92       |      | 09/30/2025       |
| Sulfate             | mg/L  | 80-120                 | 41.6             | OR                 | 27.8             |                    | 15             | 1                  | 92       |      | 09/30/2025       |
| Orthophosphate as P | mg/L  | 80-120                 | 0.34             | U                  | 0.34             | U                  | 5              | 1                  | 0        | *    | 09/30/2025       |

## Matrix Spike Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3263-02 |
| <b>Client ID:</b> | 266380MS                           | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte      | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|--------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Ammonia as N | mg/L  | 75-125                 | 1.00             |                    | 0.030            | U                  | 1              | 1                  | 100      |      | 10/03/2025       |
| TKN          | mg/L  | 75-125                 | 5.30             |                    | 0.30             | J                  | 5              | 1                  | 100      |      | 10/03/2025       |

## Matrix Spike Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3263-02 |
| <b>Client ID:</b> | 266380MSD                          | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte      | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|--------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Ammonia as N | mg/L  | 75-125                 | 1.00             |                    | 0.030            | U                  | 1              | 1                  | 100      |      | 10/03/2025       |
| TKN          | mg/L  | 75-125                 | 5.40             |                    | 0.30             | J                  | 5              | 1                  | 102      |      | 10/03/2025       |

## Duplicate Sample Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3202-01 |
| <b>Client ID:</b> | SY-6DUP                            | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte    | Units | Acceptance<br>Limit | Sample<br>Result | Conc.<br>Qualifier | Duplicate<br>Result | Conc.<br>Qualifier | Dilution<br>Factor | RPD/<br>AD | Qual | Analysis<br>Date |
|------------|-------|---------------------|------------------|--------------------|---------------------|--------------------|--------------------|------------|------|------------------|
| Alkalinity | mg/L  | +/-20               | 97.2             |                    | 96.1                |                    | 1                  | 1          |      | 10/06/2025       |

## Duplicate Sample Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3254-01 |
| <b>Client ID:</b> | MW-1DUP                            | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte   | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|-----------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| BOD5      | mg/L  | +/-20            | 0.20          | U               | 0.20             | U               | 1               | 0      |      | 10/01/2025    |
| Turbidity | NTU   | +/-20            | 0.41          | J               | 0.41             | J               | 1               | 1.22   |      | 10/01/2025    |

## Duplicate Sample Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3254-01 |
| <b>Client ID:</b> | MW-1MSD                            | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte             | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Chloride            | mg/L  | +/-20            | 162           | OR              | 162              | OR              | 1               | 0      |      | 09/30/2025    |
| Orthophosphate as P | mg/L  | +/-20            | 0.34          | U               | 0.34             | U               | 1               | 0      |      | 09/30/2025    |
| Sulfate             | mg/L  | +/-20            | 41.0          | OR              | 41.6             | OR              | 1               | 1      |      | 09/30/2025    |
| Nitrate             | mg/L  | +/-20            | 5.40          |                 | 5.50             |                 | 1               | 2      |      | 09/30/2025    |
| Bromide             | mg/L  | +/-20            | 9.50          |                 | 9.90             |                 | 1               | 4      |      | 09/30/2025    |
| Nitrite             | mg/L  | +/-20            | 2.80          |                 | 2.90             |                 | 1               | 4      |      | 09/30/2025    |
| Fluoride            | mg/L  | +/-20            | 2.00          |                 | 2.10             |                 | 1               | 5      |      | 09/30/2025    |

## Duplicate Sample Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3254-07 |
| <b>Client ID:</b> | MW-4DUP                            | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | Conc.<br>Qualifier | Duplicate<br>Result | Conc.<br>Qualifier | Dilution<br>Factor | RPD/<br>AD | Qual | Analysis<br>Date |
|---------|-------|---------------------|------------------|--------------------|---------------------|--------------------|--------------------|------------|------|------------------|
| TDS     | mg/L  | +/-5                | 1060             |                    | 1090                |                    | 1                  | 2.79       |      | 10/02/2025       |

## Duplicate Sample Summary

|                                                                                                                         |                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Client:</b> Lockwood, Kessler & Bartlett, Inc.<br><b>Project:</b> Ansonia Landfill 2025<br><b>Client ID:</b> COMPDUP | <b>SDG No.:</b> Q3254<br><b>Sample ID:</b> Q3260-02<br><b>Percent Solids for Spike Sample:</b> 0 |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | Conc.<br>Qualifier | Duplicate<br>Result | Conc.<br>Qualifier | Dilution<br>Factor | RPD/<br>AD | Qual | Analysis<br>Date |
|---------|-------|---------------------|------------------|--------------------|---------------------|--------------------|--------------------|------------|------|------------------|
| TSS     | mg/L  | +/-5                | 481              |                    | 480                 |                    | 1                  | 0.21       |      | 10/03/2025       |



## Duplicate Sample Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3263-02 |
| <b>Client ID:</b> | 266380DUP                          | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte      | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|--------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Ammonia as N | mg/L  | +/-20            | 0.030         | U               | 0.030            | U               | 1               | 0      |      | 10/03/2025    |
| TKN          | mg/L  | +/-20            | 0.30          | J               | 0.30             | J               | 1               | 0      |      | 10/03/2025    |

## Duplicate Sample Summary

|                   |                                    |                                         |          |
|-------------------|------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Lockwood, Kessler & Bartlett, Inc. | <b>SDG No.:</b>                         | Q3254    |
| <b>Project:</b>   | Ansonia Landfill 2025              | <b>Sample ID:</b>                       | Q3263-02 |
| <b>Client ID:</b> | 266380MSD                          | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte      | Units | Acceptance<br>Limit | Sample<br>Result | Conc.<br>Qualifier | Duplicate<br>Result | Conc.<br>Qualifier | Dilution<br>Factor | RPD/<br>AD | Qual | Analysis<br>Date |
|--------------|-------|---------------------|------------------|--------------------|---------------------|--------------------|--------------------|------------|------|------------------|
| Ammonia as N | mg/L  | +/-20               | 1.00             |                    | 1.00                |                    | 1                  | 0          |      | 10/03/2025       |
| TKN          | mg/L  | +/-20               | 5.30             |                    | 5.40                |                    | 1                  | 2          |      | 10/03/2025       |

### Laboratory Control Sample Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**Run No.:** LB137381

| Analyte   | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | LB137381BS |            |        |                 |            |                 |                     |               |
| BOD5      | mg/L       | 198        | 183    |                 | 92         | 1               | 84.6-115.4          | 10/01/2025    |

### Laboratory Control Sample Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**Run No.:** LB137383

| Analyte             | Units       | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---------------------|-------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID           | LB137383BSW |            |        |                 |            |                 |                     |               |
| Bromide             | mg/L        | 10         | 10.5   |                 | 105        | 1               | 90-110              | 09/30/2025    |
| Chloride            | mg/L        | 3          | 3.10   |                 | 103        | 1               | 90-110              | 09/30/2025    |
| Fluoride            | mg/L        | 2          | 2.10   |                 | 105        | 1               | 90-110              | 09/30/2025    |
| Nitrite             | mg/L        | 3          | 3.10   |                 | 103        | 1               | 90-110              | 09/30/2025    |
| Nitrate             | mg/L        | 2.5        | 2.60   |                 | 104        | 1               | 90-110              | 09/30/2025    |
| Sulfate             | mg/L        | 15         | 15.4   |                 | 103        | 1               | 90-110              | 09/30/2025    |
| Orthophosphate as P | mg/L        | 5          | 5.00   |                 | 100        | 1               | 90-110              | 09/30/2025    |

### Laboratory Control Sample Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**Run No.:** LB137393

| Analyte   | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | LB137393BS |            |        |                 |            |                 |                     |               |
| TDS       | mg/L       | 100        | 95.0   |                 | 95         | 1               | 90-110              | 10/02/2025    |

### Laboratory Control Sample Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**Run No.:** LB137419

| Analyte   | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | LB137419BS |            |        |                 |            |                 |                     |               |
| TSS       | mg/L       | 550        | 532    |                 | 97         | 1               | 90-110              | 10/03/2025    |

### Laboratory Control Sample Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**Run No.:** LB137431

| Analyte    | Units       | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|------------|-------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID  | LB137431BSW |            |        |                 |            |                 |                     |               |
| Alkalinity | mg/L        | 50         | 46.8   |                 | 94         | 1               | 80-120              | 10/06/2025    |

### Laboratory Control Sample Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**Run No.:** LB137417

| Analyte      | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|--------------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID    | PB169946BS |            |        |                 |            |                 |                     |               |
| Ammonia as N | mg/L       | 1          | 1.00   |                 | 100        | 1               | 90-110              | 10/03/2025    |



### Laboratory Control Sample Summary

**Client:** Lockwood, Kessler & Bartlett, Inc.

**SDG No.:** Q3254

**Project:** Ansonia Landfill 2025

**Run No.:** LB137420

| Analyte   | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | PB169955BS |            |        |                 |            |                 |                     |               |
| TKN       | mg/L       | 5          | 5.10   |                 | 102        | 1               | 90-110              | 10/03/2025    |