

### Hit Summary Sheet SW-846

**SDG No.:** Q3254 **Order ID:** Q3254  
**Client:** Lockwood, Kessler & Bartlett, Inc. **Project ID:** Ansonia Landfill 2025

| Sample ID               | Client ID | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|-------------------------|-----------|--------|-----------|---------------|---|------|------|-------|
| <b>Client ID : MW-1</b> |           |        |           |               |   |      |      |       |
| Q3254-01                | MW-1      | Water  | Antimony  | 4.47          | J | 3.38 | 25.0 | ug/L  |
| Q3254-01                | MW-1      | Water  | Barium    | 76.7          |   | 7.28 | 50.0 | ug/L  |
| Q3254-01                | MW-1      | Water  | Cadmium   | 1.37          | J | 0.25 | 3.00 | ug/L  |
| Q3254-01                | MW-1      | Water  | Nickel    | 3.83          | J | 1.53 | 20.0 | ug/L  |
| Q3254-01                | MW-1      | Water  | Potassium | 3730          |   | 459  | 1000 | ug/L  |
| Q3254-01                | MW-1      | Water  | Selenium  | 4.83          | J | 4.82 | 10.0 | ug/L  |
| Q3254-01                | MW-1      | Water  | Sodium    | 45500         |   | 434  | 1000 | ug/L  |
| Q3254-01                | MW-1      | Water  | Thallium  | 5.29          | J | 2.19 | 20.0 | ug/L  |
| Q3254-01                | MW-1      | Water  | Zinc      | 133           |   | 8.33 | 20.0 | ug/L  |
| <b>Client ID : MW-1</b> |           |        |           |               |   |      |      |       |
| Q3254-02                | MW-1      | Water  | Iron      | 18.9          | J | 11.7 | 50.0 | ug/L  |
| Q3254-02                | MW-1      | Water  | Manganese | 55.6          |   | 2.97 | 10.0 | ug/L  |
| <b>Client ID : MW-2</b> |           |        |           |               |   |      |      |       |
| Q3254-03                | MW-2      | Water  | Barium    | 161           |   | 7.28 | 50.0 | ug/L  |
| Q3254-03                | MW-2      | Water  | Beryllium | 0.40          | J | 0.28 | 3.00 | ug/L  |
| Q3254-03                | MW-2      | Water  | Chromium  | 1.99          | J | 1.06 | 5.00 | ug/L  |
| Q3254-03                | MW-2      | Water  | Cobalt    | 1.37          | J | 1.13 | 15.0 | ug/L  |
| Q3254-03                | MW-2      | Water  | Copper    | 9.25          | J | 2.30 | 10.0 | ug/L  |
| Q3254-03                | MW-2      | Water  | Lead      | 3.76          | J | 1.15 | 6.00 | ug/L  |
| Q3254-03                | MW-2      | Water  | Nickel    | 19.3          | J | 1.53 | 20.0 | ug/L  |
| Q3254-03                | MW-2      | Water  | Potassium | 20900         |   | 459  | 1000 | ug/L  |
| Q3254-03                | MW-2      | Water  | Sodium    | 225000        |   | 434  | 1000 | ug/L  |
| Q3254-03                | MW-2      | Water  | Thallium  | 5.84          | J | 2.19 | 20.0 | ug/L  |
| Q3254-03                | MW-2      | Water  | Zinc      | 63.7          |   | 8.33 | 20.0 | ug/L  |
| <b>Client ID : MW-2</b> |           |        |           |               |   |      |      |       |
| Q3254-04                | MW-2      | Water  | Iron      | 10000         |   | 11.7 | 50.0 | ug/L  |
| Q3254-04                | MW-2      | Water  | Manganese | 1160          |   | 2.97 | 10.0 | ug/L  |
| <b>Client ID : MW-3</b> |           |        |           |               |   |      |      |       |
| Q3254-05                | MW-3      | Water  | Barium    | 145           |   | 7.28 | 50.0 | ug/L  |
| Q3254-05                | MW-3      | Water  | Chromium  | 1.41          | J | 1.06 | 5.00 | ug/L  |
| Q3254-05                | MW-3      | Water  | Cobalt    | 1.24          | J | 1.13 | 15.0 | ug/L  |
| Q3254-05                | MW-3      | Water  | Lead      | 1.49          | J | 1.15 | 6.00 | ug/L  |
| Q3254-05                | MW-3      | Water  | Nickel    | 2.14          | J | 1.53 | 20.0 | ug/L  |
| Q3254-05                | MW-3      | Water  | Potassium | 14400         |   | 459  | 1000 | ug/L  |
| Q3254-05                | MW-3      | Water  | Sodium    | 137000        |   | 434  | 1000 | ug/L  |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3254

**Order ID:** Q3254

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

**Project ID:** Ansonia Landfill 2025

| Sample ID               | Client ID | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|-------------------------|-----------|--------|-----------|---------------|---|------|------|-------|
| Q3254-05                | MW-3      | Water  | Thallium  | 7.19          | J | 2.19 | 20.0 | ug/L  |
| Q3254-05                | MW-3      | Water  | Zinc      | 21.2          |   | 8.33 | 20.0 | ug/L  |
| <b>Client ID : MW-3</b> |           |        |           |               |   |      |      |       |
| Q3254-06                | MW-3      | Water  | Iron      | 2020          |   | 11.7 | 50.0 | ug/L  |
| Q3254-06                | MW-3      | Water  | Manganese | 499           |   | 2.97 | 10.0 | ug/L  |
| <b>Client ID : MW-4</b> |           |        |           |               |   |      |      |       |
| Q3254-07                | MW-4      | Water  | Barium    | 165           |   | 7.28 | 50.0 | ug/L  |
| Q3254-07                | MW-4      | Water  | Beryllium | 0.44          | J | 0.28 | 3.00 | ug/L  |
| Q3254-07                | MW-4      | Water  | Chromium  | 1.87          | J | 1.06 | 5.00 | ug/L  |
| Q3254-07                | MW-4      | Water  | Cobalt    | 1.37          | J | 1.13 | 15.0 | ug/L  |
| Q3254-07                | MW-4      | Water  | Copper    | 10.5          |   | 2.30 | 10.0 | ug/L  |
| Q3254-07                | MW-4      | Water  | Lead      | 3.57          | J | 1.15 | 6.00 | ug/L  |
| Q3254-07                | MW-4      | Water  | Nickel    | 20.0          |   | 1.53 | 20.0 | ug/L  |
| Q3254-07                | MW-4      | Water  | Potassium | 22200         |   | 459  | 1000 | ug/L  |
| Q3254-07                | MW-4      | Water  | Sodium    | 230000        |   | 434  | 1000 | ug/L  |
| Q3254-07                | MW-4      | Water  | Thallium  | 8.73          | J | 2.19 | 20.0 | ug/L  |
| Q3254-07                | MW-4      | Water  | Vanadium  | 4.16          | J | 3.13 | 20.0 | ug/L  |
| Q3254-07                | MW-4      | Water  | Zinc      | 67.6          |   | 8.33 | 20.0 | ug/L  |
| <b>Client ID : MW-4</b> |           |        |           |               |   |      |      |       |
| Q3254-08                | MW-4      | Water  | Iron      | 9590          |   | 11.7 | 50.0 | ug/L  |
| Q3254-08                | MW-4      | Water  | Manganese | 1210          |   | 2.97 | 10.0 | ug/L  |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

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

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 4.47  | J    | 1  | 3.38 | 25.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 10.0  | U    | 1  | 2.56 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 76.7  |      | 1  | 7.28 | 50.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 3.00  | U    | 1  | 0.28 | 3.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 1.37  | J    | 1  | 0.25 | 3.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 5.00  | U    | 1  | 1.06 | 5.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 15.0  | U    | 1  | 1.13 | 15.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 10.0  | U    | 1  | 2.30 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 6.00  | U    | 1  | 1.15 | 6.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-02-0 | Nickel    | 3.83  | J    | 1  | 1.53 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 3730  |      | 1  | 459  | 1000       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 4.83  | J    | 1  | 4.82 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 5.00  | U    | 1  | 0.81 | 5.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 45500 |      | 1  | 434  | 1000       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 5.29  | J    | 1  | 2.19 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 20.0  | U    | 1  | 3.13 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 133   |      | 1  | 8.33 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:34 | 6010D    | SW3010    |

|               |               |                 |       |            |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless     | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless     | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group4 |                 |       |            |

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

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 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25 |
| Client Sample ID: | MW-1                               | SDG No.:        | Q3254    |
| Lab Sample ID:    | Q3254-02                           | Matrix:         | Water    |
| Level (low/med):  | low                                | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7439-89-6 | Iron      | 18.9  | J    | 1  | 11.7 | 50.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:38 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 55.6  |      | 1  | 2.97 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:38 | 6010D    | SW3010    |

|               |                         |                 |       |            |
|---------------|-------------------------|-----------------|-------|------------|
| Color Before: | Colorless               | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless               | Clarity After:  | Clear | Artifacts: |
| Comments:     | Dissolved Metals Group5 |                 |       |            |

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

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 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25 |
| Client Sample ID: | MW-2                               | SDG No.:        | Q3254    |
| Lab Sample ID:    | Q3254-03                           | Matrix:         | Water    |
| Level (low/med):  | low                                | % Solid:        | 0        |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 25.0   | U    | 1  | 3.38 | 25.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 10.0   | U    | 1  | 2.56 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 161    |      | 1  | 7.28 | 50.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 0.40   | J    | 1  | 0.28 | 3.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 3.00   | U    | 1  | 0.25 | 3.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 1.99   | J    | 1  | 1.06 | 5.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 1.37   | J    | 1  | 1.13 | 15.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 9.25   | J    | 1  | 2.30 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 3.76   | J    | 1  | 1.15 | 6.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-02-0 | Nickel    | 19.3   | J    | 1  | 1.53 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 20900  |      | 1  | 459  | 1000       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 10.0   | U    | 1  | 4.82 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 5.00   | U    | 1  | 0.81 | 5.00       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 225000 |      | 1  | 434  | 1000       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 5.84   | J    | 1  | 2.19 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 20.0   | U    | 1  | 3.13 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 63.7   |      | 1  | 8.33 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:43 | 6010D    | SW3010    |

|               |               |                 |       |            |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless     | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless     | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group4 |                 |       |            |

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

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 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25 |
| Client Sample ID: | MW-2                               | SDG No.:        | Q3254    |
| Lab Sample ID:    | Q3254-04                           | Matrix:         | Water    |
| Level (low/med):  | low                                | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF   | MDL | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|------|-----|------------|-------|----------------|----------------|----------|-----------|
| 7439-89-6 | Iron      | 10000 | 1    | 11.7 |     | 50.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:57 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 1160  | 1    | 2.97 |     | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 14:57 | 6010D    | SW3010    |

|               |                         |                 |       |            |
|---------------|-------------------------|-----------------|-------|------------|
| Color Before: | Colorless               | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless               | Clarity After:  | Clear | Artifacts: |
| Comments:     | Dissolved Metals Group5 |                 |       |            |

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

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 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25 |
| Client Sample ID: | MW-3                               | SDG No.:        | Q3254    |
| Lab Sample ID:    | Q3254-05                           | Matrix:         | Water    |
| Level (low/med):  | low                                | % Solid:        | 0        |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 25.0   | U    | 1  | 3.38 | 25.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 10.0   | U    | 1  | 2.56 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 145    |      | 1  | 7.28 | 50.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 3.00   | U    | 1  | 0.28 | 3.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 3.00   | U    | 1  | 0.25 | 3.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 1.41   | J    | 1  | 1.06 | 5.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 1.24   | J    | 1  | 1.13 | 15.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 10.0   | U    | 1  | 2.30 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 1.49   | J    | 1  | 1.15 | 6.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-02-0 | Nickel    | 2.14   | J    | 1  | 1.53 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 14400  |      | 1  | 459  | 1000       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 10.0   | U    | 1  | 4.82 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 5.00   | U    | 1  | 0.81 | 5.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 137000 |      | 1  | 434  | 1000       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 7.19   | J    | 1  | 2.19 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 20.0   | U    | 1  | 3.13 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 21.2   |      | 1  | 8.33 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:01 | 6010D    | SW3010    |

|               |               |                 |       |            |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless     | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless     | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group4 |                 |       |            |

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

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 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25 |
| Client Sample ID: | MW-3                               | SDG No.:        | Q3254    |
| Lab Sample ID:    | Q3254-06                           | Matrix:         | Water    |
| Level (low/med):  | low                                | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF   | MDL | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|------|-----|------------|-------|----------------|----------------|----------|-----------|
| 7439-89-6 | Iron      | 2020  | 1    | 11.7 |     | 50.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:05 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 499   | 1    | 2.97 |     | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:05 | 6010D    | SW3010    |

|               |                         |                 |       |            |
|---------------|-------------------------|-----------------|-------|------------|
| Color Before: | Colorless               | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless               | Clarity After:  | Clear | Artifacts: |
| Comments:     | Dissolved Metals Group5 |                 |       |            |

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

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 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25 |
| Client Sample ID: | MW-4                               | SDG No.:        | Q3254    |
| Lab Sample ID:    | Q3254-07                           | Matrix:         | Water    |
| Level (low/med):  | low                                | % Solid:        | 0        |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-36-0 | Antimony  | 25.0   | U    | 1  | 3.38 | 25.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 10.0   | U    | 1  | 2.56 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 165    |      | 1  | 7.28 | 50.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 0.44   | J    | 1  | 0.28 | 3.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 3.00   | U    | 1  | 0.25 | 3.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 1.87   | J    | 1  | 1.06 | 5.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 1.37   | J    | 1  | 1.13 | 15.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 10.5   |      | 1  | 2.30 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 3.57   | J    | 1  | 1.15 | 6.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-02-0 | Nickel    | 20.0   |      | 1  | 1.53 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 22200  |      | 1  | 459  | 1000       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 10.0   | U    | 1  | 4.82 | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 5.00   | U    | 1  | 0.81 | 5.00       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 230000 |      | 1  | 434  | 1000       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 8.73   | J    | 1  | 2.19 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 4.16   | J    | 1  | 3.13 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 67.6   |      | 1  | 8.33 | 20.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:09 | 6010D    | SW3010    |

|               |               |                 |       |            |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless     | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless     | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group4 |                 |       |            |

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

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 |
| Project:          | Ansonia Landfill 2025              | Date Received:  | 09/30/25 |
| Client Sample ID: | MW-4                               | SDG No.:        | Q3254    |
| Lab Sample ID:    | Q3254-08                           | Matrix:         | Water    |
| Level (low/med):  | low                                | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF   | MDL | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|------|-----|------------|-------|----------------|----------------|----------|-----------|
| 7439-89-6 | Iron      | 9590  | 1    | 11.7 |     | 50.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:34 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 1210  | 1    | 2.97 |     | 10.0       | ug/L  | 10/01/25 10:45 | 10/02/25 15:34 | 6010D    | SW3010    |

|               |                         |                 |       |            |
|---------------|-------------------------|-----------------|-------|------------|
| Color Before: | Colorless               | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless               | Clarity After:  | Clear | Artifacts: |
| Comments:     | Dissolved Metals Group5 |                 |       |            |

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

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

## 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 |
|----------|----------|--------|-------------------------|--------|-------------|-----------|-----------|----------|
| Q3254-01 | MW-1     | Water  | Metals Group4           | 6010D  | 09/29/25    | 10/01/25  | 10/02/25  | 09/30/25 |
| Q3254-02 | MW-1     | Water  | Dissolved Metals Group5 | 6010D  | 09/29/25    | 10/01/25  | 10/02/25  | 09/30/25 |
| Q3254-03 | MW-2     | Water  | Metals Group4           | 6010D  | 09/29/25    | 10/01/25  | 10/02/25  | 09/30/25 |
| Q3254-04 | MW-2     | Water  | Dissolved Metals Group5 | 6010D  | 09/29/25    | 10/01/25  | 10/02/25  | 09/30/25 |
| Q3254-05 | MW-3     | Water  | Metals Group4           | 6010D  | 09/29/25    | 10/01/25  | 10/02/25  | 09/30/25 |
| Q3254-06 | MW-3     | Water  | Dissolved Metals Group5 | 6010D  | 09/29/25    | 10/01/25  | 10/02/25  | 09/30/25 |
| Q3254-07 | MW-4     | Water  | Metals Group4           | 6010D  | 09/29/25    | 10/01/25  | 10/02/25  | 09/30/25 |
| Q3254-08 | MW-4     | Water  | Dissolved Metals Group5 | 6010D  | 09/29/25    | 10/01/25  | 10/02/25  | 09/30/25 |