

## Report of Analysis

|                   |                            |                 |          |
|-------------------|----------------------------|-----------------|----------|
| Client:           | CDM Smith                  | Date Collected: | 06/25/25 |
| Project:          | South River WM Replacement | Date Received:  | 06/26/25 |
| Client Sample ID: | TP-85                      | SDG No.:        | Q2436    |
| Lab Sample ID:    | Q2436-03                   | Matrix:         | SOIL     |
| Level (low/med):  | low                        | % Solid:        | 85.1     |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 4030   |      | 1  | 0.85   | 5.07       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.22   | UN   | 1  | 0.22   | 2.53       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 1.63   |      | 1  | 0.19   | 1.01       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 11.0   | N    | 1  | 0.74   | 5.07       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.26   | J    | 1  | 0.025  | 0.30       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.024  | U    | 1  | 0.024  | 0.30       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 176    | N    | 1  | 11.2   | 101        | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 5.18   |      | 1  | 0.048  | 0.51       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 1.06   | J*   | 1  | 0.10   | 1.52       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 2.32   |      | 1  | 0.22   | 1.01       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 7060   |      | 1  | 4.04   | 5.07       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 4.12   |      | 1  | 0.13   | 0.61       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 183    | N    | 1  | 12.2   | 101        | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 9.36   | N*   | 1  | 0.14   | 1.01       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.0080 | U    | 1  | 0.0080 | 0.014      | mg/Kg             | 06/27/25 14:20 | 06/30/25 14:01 | 7471B    |           |
| 7440-02-0 | Nickel    | 2.53   |      | 1  | 0.13   | 2.03       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 181    |      | 1  | 28.1   | 101        | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 1.72   |      | 1  | 0.26   | 1.01       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.29   | J    | 1  | 0.12   | 0.51       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 240    |      | 1  | 18.0   | 101        | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.23   | U    | 1  | 0.23   | 2.03       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 11.8   |      | 1  | 0.25   | 2.03       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 7.55   |      | 1  | 0.23   | 2.03       | mg/Kg             | 06/27/25 13:05 | 07/01/25 17:51 | 6010D    | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow     | Clarity After:  | Artifacts: |        |
| Comments:     | METALS-TAL |                 |            |        |

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