

## Report of Analysis

|                   |                            |                 |          |
|-------------------|----------------------------|-----------------|----------|
| Client:           | CDM Smith                  | Date Collected: | 07/02/25 |
| Project:          | South River WM Replacement | Date Received:  | 07/03/25 |
| Client Sample ID: | TP-103                     | SDG No.:        | Q2514    |
| Lab Sample ID:    | Q2514-06                   | Matrix:         | SOIL     |
| Level (low/med):  | low                        | % Solid:        | 86.5     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 10200 |      | 1  | 0.89   | 5.30       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 1.40  | JN   | 1  | 0.23   | 2.65       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 10.0  |      | 1  | 0.20   | 1.06       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 23.9  |      | 1  | 0.77   | 5.30       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.91  | N    | 1  | 0.027  | 0.32       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.029 | J    | 1  | 0.025  | 0.32       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 531   |      | 1  | 11.8   | 106        | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 21.8  |      | 1  | 0.050  | 0.53       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 3.97  | N    | 1  | 0.11   | 1.59       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 3.51  | N    | 1  | 0.23   | 1.06       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 26100 |      | 1  | 4.23   | 5.30       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 11.9  | *    | 1  | 0.14   | 0.64       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 568   |      | 1  | 12.7   | 106        | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 61.9  | *    | 1  | 0.15   | 1.06       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.070 |      | 1  | 0.0080 | 0.014      | mg/Kg             | 07/15/25 15:40 | 07/16/25 13:58 | 7471B    |           |
| 7440-02-0 | Nickel    | 6.65  |      | 1  | 0.14   | 2.12       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 282   |      | 1  | 29.4   | 106        | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 6.81  | N    | 1  | 0.28   | 1.06       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.13  | UN   | 1  | 0.13   | 0.53       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 288   | N    | 1  | 18.9   | 106        | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.24  | U    | 1  | 0.24   | 2.12       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 38.3  | N*   | 1  | 0.27   | 2.12       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 18.3  |      | 1  | 0.12   | 2.12       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:05 | 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