

## Report of Analysis

|                   |                            |                 |          |
|-------------------|----------------------------|-----------------|----------|
| Client:           | CDM Smith                  | Date Collected: | 06/23/25 |
| Project:          | South River WM Replacement | Date Received:  | 06/24/25 |
| Client Sample ID: | TP-73                      | SDG No.:        | Q2413    |
| Lab Sample ID:    | Q2413-05                   | Matrix:         | SOIL     |
| Level (low/med):  | low                        | % Solid:        | 77.1     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 3080  |      | 1  | 1.00   | 5.95       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.36  | JN   | 1  | 0.26   | 2.97       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 1.76  |      | 1  | 0.23   | 1.19       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 35.7  |      | 1  | 0.87   | 5.95       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.28  | J    | 1  | 0.030  | 0.36       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.029 | U    | 1  | 0.029  | 0.36       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 171   |      | 1  | 13.2   | 119        | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 3.79  |      | 1  | 0.056  | 0.60       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 0.36  | J    | 1  | 0.12   | 1.78       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 2.91  |      | 1  | 0.26   | 1.19       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 3620  |      | 1  | 4.75   | 5.95       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 9.44  |      | 1  | 0.16   | 0.71       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 104   | J    | 1  | 14.3   | 119        | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 5.60  |      | 1  | 0.17   | 1.19       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.026 |      | 1  | 0.0090 | 0.016      | mg/Kg             | 06/26/25 12:15 | 06/26/25 15:16 | 7471B    |           |
| 7440-02-0 | Nickel    | 1.24  | J    | 1  | 0.16   | 2.38       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 170   | N    | 1  | 33.0   | 119        | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 1.38  |      | 1  | 0.31   | 1.19       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.14  | U    | 1  | 0.14   | 0.60       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 165   |      | 1  | 21.2   | 119        | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.27  | U    | 1  | 0.27   | 2.38       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 6.06  | N    | 1  | 0.30   | 2.38       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 5.43  | N    | 1  | 0.13   | 2.38       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:54 | 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