

## 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-97                      | SDG No.:        | Q2514    |
| Lab Sample ID:    | Q2514-05                   | Matrix:         | SOIL     |
| Level (low/med):  | low                        | % Solid:        | 85       |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 10500 |      | 1  | 0.81   | 4.80       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 1.32  | JN   | 1  | 0.21   | 2.40       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 8.80  |      | 1  | 0.18   | 0.96       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 28.6  |      | 1  | 0.70   | 4.80       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.79  | N    | 1  | 0.024  | 0.29       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.023 | U    | 1  | 0.023  | 0.29       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 240   |      | 1  | 10.7   | 96.0       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 16.0  |      | 1  | 0.045  | 0.48       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 3.42  | N    | 1  | 0.096  | 1.44       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 4.46  | N    | 1  | 0.21   | 0.96       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 22200 |      | 1  | 3.83   | 4.80       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 14.1  | *    | 1  | 0.13   | 0.58       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 706   |      | 1  | 11.5   | 96.0       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 46.7  | *    | 1  | 0.13   | 0.96       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.029 |      | 1  | 0.0080 | 0.015      | mg/Kg             | 07/15/25 15:40 | 07/16/25 13:56 | 7471B    |           |
| 7440-02-0 | Nickel    | 6.81  |      | 1  | 0.13   | 1.92       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 406   |      | 1  | 26.6   | 96.0       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 6.10  | N    | 1  | 0.25   | 0.96       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.12  | JN   | 1  | 0.12   | 0.48       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 595   | N    | 1  | 17.1   | 96.0       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.22  | U    | 1  | 0.22   | 1.92       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 35.3  | N*   | 1  | 0.24   | 1.92       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 18.0  |      | 1  | 0.11   | 1.92       | mg/Kg             | 07/07/25 10:05 | 07/09/25 20:01 | 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