

## Report of Analysis

|                   |                            |                 |          |
|-------------------|----------------------------|-----------------|----------|
| Client:           | CDM Smith                  | Date Collected: | 09/29/25 |
| Project:          | MWCO CJO WTP Edison 295110 | Date Received:  | 09/30/25 |
| Client Sample ID: | ENV2-6FT                   | SDG No.:        | Q3257    |
| Lab Sample ID:    | Q3257-02                   | Matrix:         | SOIL     |
| Level (low/med):  | low                        | % Solid:        | 84.7     |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 7220   |      | 1  | 0.83   | 4.92       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.22   | UN   | 1  | 0.22   | 2.46       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 6.03   |      | 1  | 0.19   | 0.98       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 211    |      | 1  | 0.72   | 4.92       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 1.99   |      | 1  | 0.025  | 0.30       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 1.12   |      | 1  | 0.024  | 0.30       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 3450   |      | 1  | 10.9   | 98.4       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 41.3   | N*   | 1  | 0.046  | 0.49       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 22.2   |      | 1  | 0.098  | 1.48       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 25.6   |      | 1  | 0.22   | 0.98       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 30300  | *    | 1  | 3.93   | 4.92       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 28.5   | N    | 1  | 0.13   | 0.59       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 6010   |      | 1  | 11.8   | 98.4       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 1570   |      | 1  | 0.14   | 0.98       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.0090 | U    | 1  | 0.0090 | 0.016      | mg/Kg             | 09/30/25 16:30 | 10/01/25 09:50 | 7471B    |           |
| 7440-02-0 | Nickel    | 59.1   |      | 1  | 0.13   | 1.97       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 879    |      | 1  | 27.3   | 98.4       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.26   | U    | 1  | 0.26   | 0.98       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 1.04   | JDN  | 5  | 0.59   | 2.46       | mg/Kg             | 10/01/25 10:40 | 10/07/25 19:16 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 151    |      | 1  | 17.5   | 98.4       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.23   | U    | 1  | 0.23   | 1.97       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 32.4   |      | 1  | 0.25   | 1.97       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 57.9   |      | 1  | 0.23   | 1.97       | mg/Kg             | 10/01/25 10:40 | 10/02/25 14:30 | 6010D    | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow     | Clarity After:  | Artifacts: | No     |
| 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