

## Report of Analysis

|                   |                      |                 |          |
|-------------------|----------------------|-----------------|----------|
| Client:           | PSEG                 | Date Collected: | 02/24/25 |
| Project:          | PSEG 278 Oraton Pkwy | Date Received:  | 02/24/25 |
| Client Sample ID: | TP-1-WC              | SDG No.:        | Q1420    |
| Lab Sample ID:    | Q1420-01             | Matrix:         | SOIL     |
| Level (low/med):  | low                  | % Solid:        | 89.5     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 4050  |      | 1  | 2.44   | 5.06       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 2.53  | U    | 1  | 0.15   | 2.53       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 3.37  |      | 1  | 0.29   | 1.01       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 69.2  |      | 1  | 0.65   | 5.06       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.34  |      | 1  | 0.012  | 0.30       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.30  | U    | 1  | 0.016  | 0.30       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 2920  |      | 1  | 2.83   | 101        | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 7.59  |      | 1  | 0.055  | 0.51       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 4.01  |      | 1  | 0.059  | 1.52       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 12.2  |      | 1  | 0.48   | 1.01       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 8660  |      | 1  | 2.72   | 5.06       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 38.4  |      | 1  | 0.15   | 0.61       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1220  |      | 1  | 3.47   | 101        | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 153   |      | 1  | 0.072  | 1.01       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.042 | N    | 1  | 0.0070 | 0.016      | mg/Kg             | 02/25/25 15:24 | 02/26/25 11:57 | SW7471B  |           |
| 7440-02-0 | Nickel    | 7.24  |      | 1  | 0.091  | 2.02       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 256   |      | 1  | 29.0   | 101        | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 1.01  | U    | 1  | 0.33   | 1.01       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.28  | J    | 1  | 0.053  | 0.51       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 152   |      | 1  | 36.5   | 101        | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 2.02  | U    | 1  | 0.45   | 2.02       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 12.3  |      | 1  | 0.27   | 2.02       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 30.5  |      | 1  | 0.11   | 2.02       | mg/Kg             | 02/25/25 10:05 | 03/03/25 21:25 | SW6010   | SW3050    |

|               |                           |                 |            |        |
|---------------|---------------------------|-----------------|------------|--------|
| Color Before: | Brown                     | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow                    | Clarity After:  | Artifacts: |        |
| Comments:     | Full Waste Classification |                 |            |        |

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