

## Report of Analysis

|                   |              |                 |          |
|-------------------|--------------|-----------------|----------|
| Client:           | PSEG         | Date Collected: | 05/23/25 |
| Project:          | Hamilton M&R | Date Received:  | 05/23/25 |
| Client Sample ID: | COMP-1       | SDG No.:        | Q2127    |
| Lab Sample ID:    | Q2127-01     | Matrix:         | SOIL     |
| Level (low/med):  | low          | % Solid:        | 89.4     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 5580  |      | 1  | 0.81   | 4.80       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 2.40  | U    | 1  | 0.21   | 2.40       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 3.44  |      | 1  | 0.18   | 0.96       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 22.9  |      | 1  | 0.70   | 4.80       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.34  |      | 1  | 0.024  | 0.29       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.20  | J    | 1  | 0.023  | 0.29       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 3020  |      | 1  | 10.7   | 96.0       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 9.10  |      | 1  | 0.045  | 0.48       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 3.81  |      | 1  | 0.096  | 1.44       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 8.36  |      | 1  | 0.21   | 0.96       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 9900  |      | 1  | 3.83   | 4.80       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 34.0  |      | 1  | 0.13   | 0.58       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 813   |      | 1  | 11.5   | 96.0       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 91.3  |      | 1  | 0.13   | 0.96       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.033 |      | 1  | 0.0080 | 0.014      | mg/Kg             | 05/27/25 13:44 | 05/27/25 16:06 | 7471B    |           |
| 7440-02-0 | Nickel    | 6.12  |      | 1  | 0.13   | 1.92       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 439   |      | 1  | 26.6   | 96.0       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.96  | U    | 1  | 0.25   | 0.96       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.48  | U    | 1  | 0.12   | 0.48       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 154   |      | 1  | 17.1   | 96.0       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.49  | J    | 1  | 0.22   | 1.92       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 12.6  |      | 1  | 0.24   | 1.92       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 32.2  |      | 1  | 0.22   | 1.92       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:21 | 6010D    | SW3050    |

|               |                     |                 |            |        |
|---------------|---------------------|-----------------|------------|--------|
| Color Before: | Gray                | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow              | Clarity After:  | Artifacts: |        |
| Comments:     | Soil Safe-Logan Twp |                 |            |        |

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