

## Report of Analysis

|                   |                            |                 |          |
|-------------------|----------------------------|-----------------|----------|
| Client:           | PSEG                       | Date Collected: | 05/23/25 |
| Project:          | PSEG East Edison Test Pits | Date Received:  | 05/23/25 |
| Client Sample ID: | TP03-MHM                   | SDG No.:        | Q2128    |
| Lab Sample ID:    | Q2128-01                   | Matrix:         | SOIL     |
| Level (low/med):  | low                        | % Solid:        | 84.6     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 12800 |      | 1  | 0.91   | 5.42       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 2.71  | U    | 1  | 0.24   | 2.71       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 3.94  |      | 1  | 0.21   | 1.08       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 42.4  |      | 1  | 0.79   | 5.42       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.74  |      | 1  | 0.027  | 0.33       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 1.32  |      | 1  | 0.026  | 0.33       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 282   |      | 1  | 12.0   | 108        | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 14.7  |      | 1  | 0.051  | 0.54       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 13.1  |      | 1  | 0.11   | 1.63       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 12.5  |      | 1  | 0.24   | 1.08       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 22100 |      | 1  | 4.33   | 5.42       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 13.5  |      | 1  | 0.14   | 0.65       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 1200  |      | 1  | 13.0   | 108        | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 205   |      | 1  | 0.15   | 1.08       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.024 |      | 1  | 0.0080 | 0.015      | mg/Kg             | 05/28/25 14:46 | 05/28/25 17:08 | 7471B    |           |
| 7440-02-0 | Nickel    | 15.6  |      | 1  | 0.14   | 2.17       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 673   |      | 1  | 30.0   | 108        | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 1.08  | U    | 1  | 0.28   | 1.08       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.54  | U    | 1  | 0.13   | 0.54       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 304   |      | 1  | 19.3   | 108        | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 1.09  | J    | 1  | 0.25   | 2.17       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 23.3  |      | 1  | 0.27   | 2.17       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 24.4  |      | 1  | 0.25   | 2.17       | mg/Kg             | 05/27/25 11:20 | 05/28/25 16:48 | 6010D    | 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