

## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | PSEG                           | Date Collected: | 05/09/25 |
| Project:          | OR-636 Oradell and New Milford | Date Received:  | 05/09/25 |
| Client Sample ID: | OR-636-COMP-15                 | SDG No.:        | Q2007    |
| Lab Sample ID:    | Q2007-31                       | Matrix:         | SOIL     |
| Level (low/med):  | low                            | % Solid:        | 91.6     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 6710  |      | 1  | 0.88   | 5.22       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 2.61  | UN*  | 1  | 0.23   | 2.61       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 2.35  |      | 1  | 0.20   | 1.04       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 30.7  | N    | 1  | 0.76   | 5.22       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.45  | N    | 1  | 0.026  | 0.31       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.31  | U    | 1  | 0.025  | 0.31       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 689   |      | 1  | 11.6   | 104        | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 10.4  |      | 1  | 0.049  | 0.52       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 5.43  |      | 1  | 0.10   | 1.57       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 9.13  | N    | 1  | 0.23   | 1.04       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 14300 |      | 1  | 4.17   | 5.22       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 7.53  |      | 1  | 0.14   | 0.63       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 1570  |      | 1  | 12.5   | 104        | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 252   |      | 1  | 0.15   | 1.04       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.084 |      | 1  | 0.0080 | 0.014      | mg/Kg             | 05/13/25 08:35 | 05/13/25 12:02 | 7471B    |           |
| 7440-02-0 | Nickel    | 9.41  |      | 1  | 0.14   | 2.09       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 402   |      | 1  | 28.9   | 104        | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 1.04  | UN   | 1  | 0.27   | 1.04       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.26  | J    | 1  | 0.13   | 0.52       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 163   |      | 1  | 18.6   | 104        | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.59  | J    | 1  | 0.24   | 2.09       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 17.1  | N    | 1  | 0.26   | 2.09       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 20.7  | N    | 1  | 0.24   | 2.09       | mg/Kg             | 05/12/25 10:20 | 05/14/25 17:01 | 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