

## Report of Analysis

|                   |              |                 |          |
|-------------------|--------------|-----------------|----------|
| Client:           | PSEG         | Date Collected: | 06/25/25 |
| Project:          | PSEG Onyx UG | Date Received:  | 06/25/25 |
| Client Sample ID: | MH-G/H       | SDG No.:        | Q2416    |
| Lab Sample ID:    | Q2416-01     | Matrix:         | SOIL     |
| Level (low/med):  | low          | % Solid:        | 89.7     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 6540  |      | 1  | 0.80   | 4.74       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 1.17  | JN   | 1  | 0.21   | 2.37       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 2.56  |      | 1  | 0.18   | 0.95       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 68.6  |      | 1  | 0.69   | 4.74       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.69  |      | 1  | 0.024  | 0.28       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.28  | U    | 1  | 0.023  | 0.28       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 1350  |      | 1  | 10.5   | 94.9       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 11.5  |      | 1  | 0.045  | 0.47       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 9.19  |      | 1  | 0.095  | 1.42       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 16.8  |      | 1  | 0.21   | 0.95       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 17000 |      | 1  | 3.79   | 4.74       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 11.4  |      | 1  | 0.12   | 0.57       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 4260  |      | 1  | 11.4   | 94.9       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 427   |      | 1  | 0.13   | 0.95       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.013 | U    | 1  | 0.0070 | 0.013      | mg/Kg             | 06/26/25 12:15 | 06/26/25 15:25 | 7471B    |           |
| 7440-02-0 | Nickel    | 19.3  |      | 1  | 0.12   | 1.90       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 1530  | N    | 1  | 26.3   | 94.9       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 5.16  |      | 1  | 0.25   | 0.95       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.49  |      | 1  | 0.11   | 0.47       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 275   |      | 1  | 16.9   | 94.9       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 1.90  | U    | 1  | 0.22   | 1.90       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 17.0  | N    | 1  | 0.24   | 1.90       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 41.2  | N    | 1  | 0.10   | 1.90       | mg/Kg             | 06/26/25 10:20 | 06/27/25 18:11 | 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