

## Report of Analysis

|                   |               |                 |          |
|-------------------|---------------|-----------------|----------|
| Client:           | PSEG          | Date Collected: | 01/13/25 |
| Project:          | Brooklawn M&R | Date Received:  | 01/13/25 |
| Client Sample ID: | ARS20-0006    | SDG No.:        | Q1076    |
| Lab Sample ID:    | Q1076-01      | Matrix:         | SOIL     |
| Level (low/med):  | low           | % Solid:        | 90.3     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 2450  |      | 1  | 2.21   | 4.60       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 19.0  |      | 1  | 0.14   | 2.30       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 4.76  |      | 1  | 0.27   | 0.92       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 12.1  |      | 1  | 0.59   | 4.60       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.37  |      | 1  | 0.011  | 0.28       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.28  | U    | 1  | 0.015  | 0.28       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 1360  |      | 1  | 2.57   | 91.9       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 14.5  |      | 1  | 0.050  | 0.46       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 2.21  |      | 1  | 0.053  | 1.38       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 130   |      | 1  | 0.43   | 0.92       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 13500 |      | 1  | 2.47   | 4.60       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 1120  |      | 1  | 0.14   | 0.55       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1070  |      | 1  | 3.15   | 91.9       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 76.9  |      | 1  | 0.065  | 0.92       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.027 |      | 1  | 0.0070 | 0.015      | mg/Kg             | 01/14/25 08:35 | 01/14/25 12:09 | SW7471B  |           |
| 7440-02-0 | Nickel    | 5.38  |      | 1  | 0.083  | 1.84       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 513   |      | 1  | 26.4   | 91.9       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.92  | U    | 1  | 0.30   | 0.92       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.46  | U    | 1  | 0.048  | 0.46       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 200   |      | 1  | 33.2   | 91.9       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.56  | J    | 1  | 0.40   | 1.84       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 15.3  |      | 1  | 0.25   | 1.84       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 58.9  |      | 1  | 0.10   | 1.84       | mg/Kg             | 01/14/25 09:30 | 01/16/25 20:06 | 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