

## Report of Analysis

|                   |                |                 |          |
|-------------------|----------------|-----------------|----------|
| Client:           | PSEG           | Date Collected: | 09/29/25 |
| Project:          | Pennsauken M&R | Date Received:  | 09/29/25 |
| Client Sample ID: | 13-1           | SDG No.:        | Q3245    |
| Lab Sample ID:    | Q3245-01       | Matrix:         | SOIL     |
| Level (low/med):  | low            | % Solid:        | 93.9     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 1370  |      | 1  | 0.76   | 4.51       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 2.26  | UN   | 1  | 0.20   | 2.26       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 8.02  |      | 1  | 0.17   | 0.90       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 8.39  | N    | 1  | 0.66   | 4.51       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.68  | N    | 1  | 0.023  | 0.27       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.27  | U*   | 1  | 0.022  | 0.27       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 243   |      | 1  | 10.0   | 90.3       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 4.60  | N    | 1  | 0.042  | 0.45       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 2.06  | N    | 1  | 0.090  | 1.35       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 6.83  | N*   | 1  | 0.20   | 0.90       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 20800 |      | 1  | 3.60   | 4.51       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 4.32  |      | 1  | 0.12   | 0.54       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 182   |      | 1  | 10.8   | 90.3       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 40.1  |      | 1  | 0.13   | 0.90       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.014 | U    | 1  | 0.0080 | 0.014      | mg/Kg             | 09/29/25 16:00 | 09/30/25 10:59 | 7471B    |           |
| 7440-02-0 | Nickel    | 3.51  |      | 1  | 0.12   | 1.81       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 147   | N*   | 1  | 25.0   | 90.3       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.90  | U    | 1  | 0.24   | 0.90       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.32  | J    | 1  | 0.11   | 0.45       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 90.3  | UN   | 1  | 16.1   | 90.3       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 1.81  | U    | 1  | 0.21   | 1.81       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 7.08  | N    | 1  | 0.23   | 1.81       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 10.9  | N    | 1  | 0.21   | 1.81       | mg/Kg             | 09/30/25 10:40 | 10/01/25 14:12 | 6010D    | SW3050    |

|               |                     |                 |            |        |
|---------------|---------------------|-----------------|------------|--------|
| Color Before: | Brown               | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow              | Clarity After:  | Artifacts: | No     |
| 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