

## Report of Analysis

|                   |                                             |                 |          |
|-------------------|---------------------------------------------|-----------------|----------|
| Client:           | PSEG                                        | Date Collected: | 01/07/25 |
| Project:          | Orange Gas and Appliance Service MA00006789 | Date Received:  | 01/07/25 |
| Client Sample ID: | EO-03-010725                                | SDG No.:        | Q1027    |
| Lab Sample ID:    | Q1027-01                                    | Matrix:         | SOIL     |
| Level (low/med):  | low                                         | % Solid:        | 92.1     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 4560  |      | 1  | 2.16   | 4.49       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.14  | U    | 1  | 0.14   | 2.24       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 1.36  |      | 1  | 0.26   | 0.90       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 21.9  |      | 1  | 0.57   | 4.49       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.33  |      | 1  | 0.011  | 0.27       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.20  | J    | 1  | 0.014  | 0.27       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 2470  |      | 1  | 2.51   | 89.7       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 8.47  |      | 1  | 0.048  | 0.45       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 4.96  |      | 1  | 0.052  | 1.35       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 15.5  |      | 1  | 0.42   | 0.90       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 9790  |      | 1  | 2.41   | 4.49       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 12.2  |      | 1  | 0.14   | 0.54       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1590  |      | 1  | 3.08   | 89.7       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 195   |      | 1  | 0.064  | 0.90       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.025 |      | 1  | 0.0060 | 0.014      | mg/Kg             | 01/08/25 11:24 | 01/08/25 11:53 | SW7471B  |           |
| 7440-02-0 | Nickel    | 8.27  |      | 1  | 0.081  | 1.79       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 362   |      | 1  | 25.8   | 89.7       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.30  | U    | 1  | 0.30   | 0.90       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.047 | U    | 1  | 0.047  | 0.45       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 459   |      | 1  | 32.4   | 89.7       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.40  | U    | 1  | 0.40   | 1.79       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 15.3  |      | 1  | 0.24   | 1.79       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 19.1  |      | 1  | 0.099  | 1.79       | mg/Kg             | 01/08/25 09:05 | 01/08/25 13:07 | SW6010   | SW3050    |

|               |          |                 |            |        |
|---------------|----------|-----------------|------------|--------|
| Color Before: | Brown    | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow   | Clarity After:  | Artifacts: |        |
| Comments:     | Bayshore |                 |            |        |

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