

## Report of Analysis

|                   |                                             |                 |          |
|-------------------|---------------------------------------------|-----------------|----------|
| Client:           | PSEG                                        | Date Collected: | 02/20/25 |
| Project:          | Orange Gas and Appliance Service MA00006789 | Date Received:  | 02/20/25 |
| Client Sample ID: | EO-02-02202025                              | SDG No.:        | Q1400    |
| Lab Sample ID:    | Q1400-01                                    | Matrix:         | SOIL     |
| Level (low/med):  | low                                         | % Solid:        | 93.7     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 3380  |      | 1  | 2.11   | 4.37       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.13  | U    | 1  | 0.13   | 2.19       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 1.26  |      | 1  | 0.25   | 0.88       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 16.7  |      | 1  | 0.56   | 4.37       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.24  | J    | 1  | 0.010  | 0.26       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.66  |      | 1  | 0.014  | 0.26       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 2600  |      | 1  | 2.45   | 87.5       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 7.61  |      | 1  | 0.047  | 0.44       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 4.28  |      | 1  | 0.051  | 1.31       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 15.1  |      | 1  | 0.41   | 0.88       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 8860  |      | 1  | 2.35   | 4.37       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 11.6  |      | 1  | 0.13   | 0.53       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1670  |      | 1  | 3.00   | 87.5       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 138   |      | 1  | 0.062  | 0.88       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.017 |      | 1  | 0.0060 | 0.014      | mg/Kg             | 02/24/25 13:53 | 02/24/25 14:12 | SW7471B  |           |
| 7440-02-0 | Nickel    | 7.53  |      | 1  | 0.079  | 1.75       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 380   |      | 1  | 25.1   | 87.5       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.29  | U    | 1  | 0.29   | 0.88       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.13  | J    | 1  | 0.045  | 0.44       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 15800 |      | 1  | 31.6   | 87.5       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.39  | U    | 1  | 0.39   | 1.75       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 13.2  |      | 1  | 0.24   | 1.75       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 17.0  |      | 1  | 0.096  | 1.75       | mg/Kg             | 02/21/25 09:10 | 02/24/25 14:10 | 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