

## Report of Analysis

Client: PSEG  
Project: Orange Gas and Appliance Service (EO)  
Client Sample ID: EO-01-11182025  
Lab Sample ID: Q3669-01  
Level (low/med): low

Date Collected: 11/18/25  
Date Received: 11/18/25  
SDG No.: Q3669  
Matrix: SOIL  
% Solid: 92.9

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 6170  |      | 1  | 0.85   | 5.03       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.22  | UN   | 1  | 0.22   | 2.52       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 2.61  |      | 1  | 0.19   | 1.01       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 23.0  |      | 1  | 0.73   | 5.03       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.40  | N    | 1  | 0.025  | 0.30       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 1.46  |      | 1  | 0.024  | 0.30       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 2560  |      | 1  | 11.2   | 101        | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 10.6  |      | 1  | 0.047  | 0.50       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 8.51  |      | 1  | 0.10   | 1.51       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 14.7  |      | 1  | 0.22   | 1.01       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 14800 |      | 1  | 4.01   | 5.03       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 21.3  | N*   | 1  | 0.13   | 0.60       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 2020  |      | 1  | 12.1   | 101        | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 197   |      | 1  | 0.14   | 1.01       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.032 |      | 1  | 0.0080 | 0.014      | mg/Kg | 11/19/25 08:10 | 11/19/25 10:28 | 7471B    | M7471B    |
| 7440-02-0 | Nickel    | 12.8  |      | 1  | 0.13   | 2.01       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 397   |      | 1  | 27.9   | 101        | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.26  | U    | 1  | 0.26   | 1.01       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.12  | UN   | 1  | 0.12   | 0.50       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 468   | N    | 1  | 17.9   | 101        | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.23  | U    | 1  | 0.23   | 2.01       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 25.7  | N    | 1  | 0.25   | 2.01       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 35.1  | N    | 1  | 0.23   | 2.01       | mg/Kg | 11/19/25 10:05 | 11/19/25 15:57 | 6010D    | SW3050    |

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