

## Report of Analysis

Client: PSEG  
Project: Oradell Gas and Appliance Service MA00006789  
Client Sample ID: OR-02-102825  
Lab Sample ID: Q3481-01  
Level (low/med): low

Date Collected: 10/28/25  
Date Received: 10/28/25  
SDG No.: Q3481  
Matrix: SOIL  
% Solid: 90.6

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 7250  |      | 1  | 0.81   | 4.80       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-36-0 | Antimony  | 0.21  | UN   | 1  | 0.21   | 2.40       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-38-2 | Arsenic   | 2.64  |      | 1  | 0.18   | 0.96       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-39-3 | Barium    | 27.2  |      | 1  | 0.70   | 4.80       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-41-7 | Beryllium | 0.50  |      | 1  | 0.024  | 0.29       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-43-9 | Cadmium   | 0.18  | J    | 1  | 0.023  | 0.29       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-70-2 | Calcium   | 1900  | *    | 1  | 10.7   | 96.0       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-47-3 | Chromium  | 8.72  |      | 1  | 0.045  | 0.48       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-48-4 | Cobalt    | 6.00  |      | 1  | 0.096  | 1.44       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-50-8 | Copper    | 16.4  |      | 1  | 0.21   | 0.96       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7439-89-6 | Iron      | 11200 |      | 1  | 3.83   | 4.80       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7439-92-1 | Lead      | 14.9  |      | 1  | 0.13   | 0.58       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7439-95-4 | Magnesium | 2400  |      | 1  | 11.5   | 96.0       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7439-96-5 | Manganese | 172   |      | 1  | 0.13   | 0.96       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7439-97-6 | Mercury   | 0.018 |      | 1  | 0.0080 | 0.014      | mg/Kg | 10/29/25 10:20 | 10/29/25 14:39 | 7471B    | 7471B     |
| 7440-02-0 | Nickel    | 11.8  |      | 1  | 0.13   | 1.92       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-09-7 | Potassium | 480   |      | 1  | 26.6   | 96.0       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7782-49-2 | Selenium  | 0.25  | U    | 1  | 0.25   | 0.96       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-22-4 | Silver    | 0.12  | U    | 1  | 0.12   | 0.48       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-23-5 | Sodium    | 427   |      | 1  | 17.1   | 96.0       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-28-0 | Thallium  | 0.22  | U    | 1  | 0.22   | 1.92       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-62-2 | Vanadium  | 19.2  |      | 1  | 0.24   | 1.92       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |
| 7440-66-6 | Zinc      | 29.2  | N    | 1  | 0.22   | 1.92       | mg/Kg | 10/29/25 09:45 | 10/29/25 17:39 | 6010D    | SW3010A   |

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