

## Report of Analysis

|                   |                                                    |                 |          |
|-------------------|----------------------------------------------------|-----------------|----------|
| Client:           | PSEG                                               | Date Collected: | 12/16/24 |
| Project:          | Central (Harrison) Gas Division Service MA00006789 | Date Received:  | 12/16/24 |
| Client Sample ID: | HR-04-121624                                       | SDG No.:        | P5301    |
| Lab Sample ID:    | P5301-03                                           | Matrix:         | SOIL     |
| Level (low/med):  | low                                                | % Solid:        | 89.4     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 4160  |      | 1  | 2.53   | 5.25       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.16  | U    | 1  | 0.16   | 2.63       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 1.13  |      | 1  | 0.31   | 1.05       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 30.2  |      | 1  | 0.67   | 5.25       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.31  | J    | 1  | 0.013  | 0.32       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.55  |      | 1  | 0.017  | 0.32       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 15600 |      | 1  | 2.94   | 105        | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 8.02  |      | 1  | 0.057  | 0.53       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 4.57  |      | 1  | 0.061  | 1.58       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 12.8  |      | 1  | 0.49   | 1.05       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 9330  |      | 1  | 2.83   | 5.25       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 23.1  |      | 1  | 0.16   | 0.63       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 5740  |      | 1  | 3.60   | 105        | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 333   |      | 1  | 0.075  | 1.05       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.035 | N    | 1  | 0.0070 | 0.015      | mg/Kg             | 12/18/24 13:15 | 12/18/24 14:13 | SW7471B  |           |
| 7440-02-0 | Nickel    | 8.12  |      | 1  | 0.095  | 2.10       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 489   |      | 1  | 30.1   | 105        | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.35  | U    | 1  | 0.35   | 1.05       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.055 | U    | 1  | 0.055  | 0.53       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 200   |      | 1  | 37.9   | 105        | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.46  | U    | 1  | 0.46   | 2.10       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 11.8  |      | 1  | 0.28   | 2.10       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 37.8  |      | 1  | 0.12   | 2.10       | mg/Kg             | 12/17/24 14:00 | 12/18/24 16:32 | 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