

## Report of Analysis

|                   |              |                 |          |
|-------------------|--------------|-----------------|----------|
| Client:           | PSEG         | Date Collected: | 11/13/24 |
| Project:          | Hillsdale OP | Date Received:  | 11/13/24 |
| Client Sample ID: | T3-STONE     | SDG No.:        | P4836    |
| Lab Sample ID:    | P4836-03     | Matrix:         | SOIL     |
| Level (low/med):  | low          | % Solid:        | 100      |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 2610  |      | 1  | 2.05   | 4.26       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 2.13  | U    | 1  | 0.13   | 2.13       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 0.85  | U    | 1  | 0.25   | 0.85       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 2.71  | J    | 1  | 0.55   | 4.26       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.19  | J    | 1  | 0.010  | 0.26       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.50  |      | 1  | 0.014  | 0.26       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 1760  |      | 1  | 2.38   | 85.1       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 3.63  |      | 1  | 0.046  | 0.43       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 1.66  |      | 1  | 0.049  | 1.28       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 3.17  |      | 1  | 0.40   | 0.85       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 7320  |      | 1  | 2.29   | 4.26       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 1.54  |      | 1  | 0.13   | 0.51       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1410  |      | 1  | 2.92   | 85.1       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 60.4  |      | 1  | 0.060  | 0.85       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.029 | N    | 1  | 0.0050 | 0.012      | mg/Kg             | 11/14/24 16:20 | 11/14/24 17:29 | SW7471B  |           |
| 7440-02-0 | Nickel    | 1.61  | J    | 1  | 0.077  | 1.70       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 481   |      | 1  | 24.4   | 85.1       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.85  | U    | 1  | 0.28   | 0.85       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.43  | U    | 1  | 0.044  | 0.43       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 85.1  | U    | 1  | 30.7   | 85.1       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 1.70  | U    | 1  | 0.37   | 1.70       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 4.79  |      | 1  | 0.23   | 1.70       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 43.0  |      | 1  | 0.094  | 1.70       | mg/Kg             | 11/14/24 10:15 | 11/15/24 12:59 | SW6010   | SW3050    |

|               |          |                 |            |        |
|---------------|----------|-----------------|------------|--------|
| Color Before: | Black    | 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