

## Report of Analysis

|                   |                 |                 |          |
|-------------------|-----------------|-----------------|----------|
| Client:           | PSEG            | Date Collected: | 12/13/24 |
| Project:          | Metuchen Switch | Date Received:  | 12/13/24 |
| Client Sample ID: | STONES-B        | SDG No.:        | P5287    |
| Lab Sample ID:    | P5287-03        | 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  | 6500  |      | 1  | 2.19   | 4.55       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 2.27  | U    | 1  | 0.14   | 2.27       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 0.91  | U    | 1  | 0.26   | 0.91       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 6.55  |      | 1  | 0.58   | 4.55       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.20  | J    | 1  | 0.011  | 0.27       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.65  |      | 1  | 0.015  | 0.27       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 4740  |      | 1  | 2.55   | 90.9       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 14.5  |      | 1  | 0.049  | 0.46       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 3.32  |      | 1  | 0.053  | 1.36       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 39.9  | N    | 1  | 0.43   | 0.91       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 5550  |      | 1  | 2.45   | 4.55       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 1.75  |      | 1  | 0.14   | 0.55       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1660  |      | 1  | 3.12   | 90.9       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 44.3  |      | 1  | 0.065  | 0.91       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.020 |      | 1  | 0.0060 | 0.014      | mg/Kg             | 12/16/24 09:19 | 12/16/24 14:42 | SW7471B  |           |
| 7440-02-0 | Nickel    | 8.48  |      | 1  | 0.082  | 1.82       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 490   | N    | 1  | 26.1   | 90.9       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.91  | UN   | 1  | 0.30   | 0.91       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.46  | UN   | 1  | 0.047  | 0.46       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 665   |      | 1  | 32.8   | 90.9       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 1.82  | U    | 1  | 0.40   | 1.82       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 17.2  |      | 1  | 0.25   | 1.82       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 31.4  | N    | 1  | 0.10   | 1.82       | mg/Kg             | 12/16/24 11:20 | 12/16/24 22:50 | 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