

## Report of Analysis

|                   |                   |                 |          |
|-------------------|-------------------|-----------------|----------|
| Client:           | PSEG              | Date Collected: | 07/09/25 |
| Project:          | Hackensack Sub HQ | Date Received:  | 07/09/25 |
| Client Sample ID: | 293               | SDG No.:        | Q2551    |
| Lab Sample ID:    | Q2551-01          | Matrix:         | Water    |
| Level (low/med):  | low               | % Solid:        | 0        |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|-------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 685    | N    | 1  | 1.94  | 20.0       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-36-0 | Antimony  | 3.46   |      | 1  | 0.11  | 2.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-38-2 | Arsenic   | 30.0   | N*   | 1  | 0.089 | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-39-3 | Barium    | 20.9   |      | 1  | 0.21  | 10.0       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-41-7 | Beryllium | 1.00   | U    | 1  | 0.32  | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-43-9 | Cadmium   | 6.01   |      | 1  | 0.34  | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-70-2 | Calcium   | 1890   |      | 1  | 45.7  | 500        | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-47-3 | Chromium  | 6.01   | *    | 1  | 0.21  | 2.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-48-4 | Cobalt    | 0.55   | J    | 1  | 0.070 | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-50-8 | Copper    | 176    | N    | 1  | 0.30  | 2.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7439-89-6 | Iron      | 956    |      | 1  | 7.81  | 50.0       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7439-92-1 | Lead      | 2.47   |      | 1  | 0.21  | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7439-95-4 | Magnesium | 637    |      | 1  | 19.5  | 500        | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7439-96-5 | Manganese | 697    | N    | 1  | 0.43  | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7439-97-6 | Mercury   | 0.20   | U    | 1  | 0.076 | 0.20       | ug/L  | 07/14/25 11:24 | 07/14/25 13:34 | 7470A    |           |
| 7440-02-0 | Nickel    | 3.39   |      | 1  | 0.27  | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-09-7 | Potassium | 573000 | DN   | 5  | 182   | 2500       | ug/L  | 07/10/25 10:20 | 07/16/25 13:56 | 6020B    | 3010A     |
| 7782-49-2 | Selenium  | 33.3   |      | 1  | 2.90  | 5.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-22-4 | Silver    | 0.10   | JN   | 1  | 0.060 | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-23-5 | Sodium    | 541000 | DN   | 5  | 640   | 2500       | ug/L  | 07/10/25 10:20 | 07/16/25 13:56 | 6020B    | 3010A     |
| 7440-28-0 | Thallium  | 0.18   | J    | 1  | 0.060 | 1.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-62-2 | Vanadium  | 2.83   | J    | 1  | 0.077 | 5.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |
| 7440-66-6 | Zinc      | 481    |      | 1  | 1.25  | 5.00       | ug/L  | 07/10/25 10:20 | 07/16/25 13:09 | 6020B    | 3010A     |

|               |            |                 |       |            |
|---------------|------------|-----------------|-------|------------|
| Color Before: | Pink       | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless  | Clarity After:  | Clear | Artifacts: |
| Comments:     | METALS-TAL |                 |       |            |

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