

## Report of Analysis

|                   |             |                 |          |
|-------------------|-------------|-----------------|----------|
| Client:           | PSEG        | Date Collected: | 05/14/25 |
| Project:          | Secaucus HQ | Date Received:  | 05/14/25 |
| Client Sample ID: | 3859        | SDG No.:        | Q2044    |
| Lab Sample ID:    | Q2044-02    | 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  | 3250    | D    | 5  | 9.70  | 100        | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-36-0 | Antimony  | 4.50    | JDN  | 5  | 0.55  | 10.0       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-38-2 | Arsenic   | 212     | DN   | 5  | 0.45  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-39-3 | Barium    | 102     | D    | 5  | 1.05  | 50.0       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-41-7 | Beryllium | 5.00    | UD   | 5  | 1.60  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-43-9 | Cadmium   | 44.2    | D    | 5  | 1.70  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-70-2 | Calcium   | 7970    | D    | 5  | 229   | 2500       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-47-3 | Chromium  | 11.0    | D    | 5  | 1.05  | 10.0       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-48-4 | Cobalt    | 1.05    | JD   | 5  | 0.35  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-50-8 | Copper    | 582     | D    | 5  | 1.50  | 10.0       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7439-89-6 | Iron      | 270     | D    | 5  | 39.1  | 250        | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7439-92-1 | Lead      | 13.2    | D    | 5  | 1.05  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7439-95-4 | Magnesium | 1550    | JD   | 5  | 97.5  | 2500       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7439-96-5 | Manganese | 836     | D    | 5  | 2.15  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7439-97-6 | Mercury   | 0.20    | UN*1 |    | 0.076 | 0.20       | ug/L  | 05/16/25 09:13 | 05/19/25 11:54 | 7470A    |           |
| 7440-02-0 | Nickel    | 6.35    | D    | 5  | 1.35  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-09-7 | Potassium | 4730000 | D    | 25 | 910   | 12500      | ug/L  | 05/16/25 10:15 | 05/19/25 18:11 | 6020B    | 3010A     |
| 7782-49-2 | Selenium  | 128     | DN   | 5  | 14.5  | 25.0       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-22-4 | Silver    | 0.45    | JDN  | 5  | 0.30  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-23-5 | Sodium    | 1440000 | D    | 5  | 640   | 2500       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-28-0 | Thallium  | 1.10    | JD   | 5  | 0.30  | 5.00       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-62-2 | Vanadium  | 9.70    | JD   | 5  | 0.39  | 25.0       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |
| 7440-66-6 | Zinc      | 1180    | DN   | 5  | 6.25  | 25.0       | ug/L  | 05/16/25 10:15 | 05/19/25 17:30 | 6020B    | 3010A     |

|               |            |                 |       |            |
|---------------|------------|-----------------|-------|------------|
| Color Before: | Pink       | Clarity Before: | Clear | Texture:   |
| Color After:  | Light Pink | 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