

## Report of Analysis

|                   |                   |                 |          |
|-------------------|-------------------|-----------------|----------|
| Client:           | PSEG              | Date Collected: | 08/29/25 |
| Project:          | Hackensack Sub HQ | Date Received:  | 08/29/25 |
| Client Sample ID: | 308               | SDG No.:        | Q2990    |
| Lab Sample ID:    | Q2990-02          | 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  | 2170  | DN*  | 5  | 56.7  | 500        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-36-0 | Antimony  | 250   | UD   | 5  | 33.8  | 250        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 100   | UD   | 5  | 25.6  | 100        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 233   | JD   | 5  | 72.8  | 500        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 30.0  | UD   | 5  | 2.80  | 30.0       | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 30.0  | UD   | 5  | 2.50  | 30.0       | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-70-2 | Calcium   | 30700 | D    | 5  | 1170  | 10000      | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 36.1  | JD   | 5  | 10.6  | 50.0       | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 30.8  | JD   | 5  | 11.3  | 150        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 594   | D    | 5  | 23.0  | 100        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7439-89-6 | Iron      | 73600 | D    | 5  | 117   | 500        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 225   | D*   | 5  | 11.5  | 60.0       | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7439-95-4 | Magnesium | 4450  | JD   | 5  | 1220  | 10000      | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 892   | D    | 5  | 29.7  | 100        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7439-97-6 | Mercury   | 0.38  |      | 1  | 0.076 | 0.20       | ug/L  | 09/03/25 08:00 | 09/03/25 11:34 | 7470A    |           |
| 7440-02-0 | Nickel    | 70.9  | JD   | 5  | 15.3  | 200        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 33600 | DN   | 5  | 4590  | 10000      | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 100   | UD   | 5  | 48.2  | 100        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 50.0  | UD   | 5  | 8.10  | 50.0       | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 59400 | D    | 5  | 4340  | 10000      | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 200   | UD   | 5  | 21.9  | 200        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 200   | UD   | 5  | 31.3  | 200        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 2900  | D    | 5  | 83.3  | 200        | ug/L  | 09/02/25 10:05 | 09/03/25 14:35 | 6010D    | SW3010    |

|               |             |                 |        |            |
|---------------|-------------|-----------------|--------|------------|
| Color Before: | Brown       | Clarity Before: | Cloudy | Texture:   |
| Color After:  | ligh Btrown | 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