

Report of Analysis

Client: PSEG
Project: Secaucus - Palisades Electric Division HQ
Client Sample ID: 4197
Lab Sample ID: Q3685-01
Level (low/med): low

Date Collected: 11/19/25
Date Received: 11/19/25
SDG No.: Q3685
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2520		1	1.94	20.0	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-36-0	Antimony	73.7		1	0.11	2.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-38-2	Arsenic	25.5		1	0.089	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-39-3	Barium	72.1		1	0.21	10.0	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-41-7	Beryllium	0.54	J	1	0.32	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-43-9	Cadmium	17.6		1	0.34	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-70-2	Calcium	161000		1	45.7	500	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-47-3	Chromium	38.2		1	0.21	2.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-48-4	Cobalt	15.8		1	0.070	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-50-8	Copper	141		1	0.30	2.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7439-89-6	Iron	33000		1	7.81	50.0	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7439-92-1	Lead	2180		1	0.21	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7439-95-4	Magnesium	11500		1	19.5	500	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7439-96-5	Manganese	1230		1	0.43	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7439-97-6	Mercury	0.20	U	1	0.076	0.20	ug/L	11/21/25 08:35	11/21/25 14:42	7470A	M7470A
7440-02-0	Nickel	53.6		1	0.27	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-09-7	Potassium	129000		1	36.4	500	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7782-49-2	Selenium	8.00		1	2.90	5.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-22-4	Silver	0.42	J	1	0.060	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-23-5	Sodium	184000		1	128	500	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-28-0	Thallium	0.89	J	1	0.060	1.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-62-2	Vanadium	17.2		1	0.077	5.00	ug/L	11/21/25 10:30	11/25/25 14:18	6020B	3010A
7440-66-6	Zinc	49100	D	25	31.3	125	ug/L	11/21/25 10:30	11/25/25 15:37	6020B	3010A

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