

Report of Analysis

Client: PSEG
Project: PSEG Saddle Brook Substation
Client Sample ID: N43502
Lab Sample ID: Q3687-01
Level (low/med): low

Date Collected: 11/19/25
Date Received: 11/19/25
SDG No.: Q3687
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	5670		1	5.67	50.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-36-0	Antimony	25.0	U	1	3.38	25.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-38-2	Arsenic	3.37	J	1	2.56	10.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-39-3	Barium	62.6		1	7.28	50.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-41-7	Beryllium	3.00	U	1	0.28	3.00	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-43-9	Cadmium	0.75	J	1	0.25	3.00	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-70-2	Calcium	35700		1	117	1000	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-47-3	Chromium	20.1		1	1.06	5.00	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-48-4	Cobalt	13.7	J	1	1.13	15.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-50-8	Copper	51.9		1	2.30	10.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7439-89-6	Iron	10700		1	11.7	50.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7439-92-1	Lead	61.5		1	1.15	6.00	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7439-95-4	Magnesium	9620		1	122	1000	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7439-96-5	Manganese	881		1	2.97	10.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7439-97-6	Mercury	0.15	J	1	0.076	0.20	ug/L	11/21/25 08:35	11/21/25 14:50	7470A	M7470A
7440-02-0	Nickel	38.2		1	1.53	20.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-09-7	Potassium	4590		1	459	1000	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7782-49-2	Selenium	10.0	U	1	4.82	10.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-22-4	Silver	5.00	UN*	1	0.81	5.00	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-23-5	Sodium	42000		1	434	1000	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-28-0	Thallium	4.39	J	1	2.19	20.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-62-2	Vanadium	15.6	J	1	3.13	20.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A
7440-66-6	Zinc	236	N	1	8.33	20.0	ug/L	11/20/25 10:35	11/21/25 15:47	6010D	M3010A

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