

Report of Analysis

Client:	PSEG	Date Collected:	08/13/25
Project:	Irvington Sub HQ	Date Received:	08/13/25
Client Sample ID:	#452	SDG No.:	Q2856
Lab Sample ID:	Q2856-01	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	821		1	1.94	20.0	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-36-0	Antimony	0.66	J	1	0.11	2.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-38-2	Arsenic	1.74		1	0.089	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-39-3	Barium	29.7		1	0.21	10.0	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-41-7	Beryllium	1.00	U	1	0.32	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-43-9	Cadmium	1.00	U	1	0.34	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-70-2	Calcium	4100		1	45.7	500	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-47-3	Chromium	38.9		1	0.21	2.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-48-4	Cobalt	2.23		1	0.070	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-50-8	Copper	48.8		1	0.30	2.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7439-89-6	Iron	280000	D	2	15.6	100	ug/L	08/14/25 14:10	08/15/25 16:29	6020B	3010A
7439-92-1	Lead	14.8		1	0.21	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7439-95-4	Magnesium	481	J	1	19.5	500	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7439-96-5	Manganese	667		1	0.43	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7439-97-6	Mercury	0.52		1	0.076	0.20	ug/L	08/14/25 10:30	08/15/25 12:54	7470A	
7440-02-0	Nickel	5.99		1	0.27	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-09-7	Potassium	6290		1	36.4	500	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7782-49-2	Selenium	9.72		1	2.90	5.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-22-4	Silver	0.090	JN	1	0.060	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-23-5	Sodium	215000		1	128	500	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-28-0	Thallium	0.11	J	1	0.060	1.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-62-2	Vanadium	2.21	J	1	0.077	5.00	ug/L	08/14/25 14:10	08/15/25 15:36	6020B	3010A
7440-66-6	Zinc	456		1	1.25	5.00	ug/L	08/14/25 14:10	08/15/25 15:36	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