

Report of Analysis

Client:	PSEG	Date Collected:	05/29/25
Project:	Irvington Sub HQ	Date Received:	05/29/25
Client Sample ID:	444	SDG No.:	Q2155
Lab Sample ID:	Q2155-04	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	89.5		1	1.94	20.0	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-36-0	Antimony	0.26	J	1	0.11	2.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-38-2	Arsenic	0.23	J	1	0.089	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-39-3	Barium	15.9		1	0.21	10.0	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-41-7	Beryllium	1.00	U	1	0.32	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-43-9	Cadmium	1.00	U	1	0.34	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-70-2	Calcium	9720		1	45.7	500	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-47-3	Chromium	1.55	J	1	0.21	2.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-48-4	Cobalt	0.70	J	1	0.070	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-50-8	Copper	5.13		1	0.30	2.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7439-89-6	Iron	18100		1	7.81	50.0	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7439-92-1	Lead	1.08		1	0.21	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7439-95-4	Magnesium	549		1	19.5	500	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7439-96-5	Manganese	279		1	0.43	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7439-97-6	Mercury	0.29	N	1	0.076	0.20	ug/L	06/02/25 15:46	06/03/25 11:11	7470A	
7440-02-0	Nickel	5.68		1	0.27	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-09-7	Potassium	5210		1	36.4	500	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7782-49-2	Selenium	5.00	U	1	2.90	5.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-22-4	Silver	0.070	J	1	0.060	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-23-5	Sodium	412000		1	128	500	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-28-0	Thallium	1.00	U	1	0.060	1.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-62-2	Vanadium	0.15	J	1	0.077	5.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A
7440-66-6	Zinc	129		1	1.25	5.00	ug/L	05/30/25 10:35	06/04/25 04:01	6020B	3010A

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	Colorless	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