

Report of Analysis

Client:	PSEG	Date Collected:	07/24/25
Project:	Hackensack Sub HQ	Date Received:	07/24/25
Client Sample ID:	297	SDG No.:	Q2691
Lab Sample ID:	Q2691-04	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	409	DN	5	9.70	100	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-36-0	Antimony	1.90	JD	5	0.55	10.0	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-38-2	Arsenic	3.10	JD	5	0.45	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-39-3	Barium	83.0	DN	5	1.05	50.0	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-41-7	Beryllium	5.00	UD	5	1.60	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-43-9	Cadmium	5.00	UD	5	1.70	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-70-2	Calcium	57300	DN	5	229	2500	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-47-3	Chromium	6.20	JD	5	1.05	10.0	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-48-4	Cobalt	3.05	JD	5	0.35	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-50-8	Copper	227	D	5	1.50	10.0	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7439-89-6	Iron	6610	DN	5	39.1	250	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7439-92-1	Lead	19.1	D	5	1.05	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7439-95-4	Magnesium	8200	D	5	97.5	2500	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7439-96-5	Manganese	210	D	5	2.15	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7439-97-6	Mercury	0.20	U	1	0.076	0.20	ug/L	07/29/25 13:15	07/30/25 10:52	7470A	
7440-02-0	Nickel	19.1	D	5	1.35	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-09-7	Potassium	11000	D	5	182	2500	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7782-49-2	Selenium	25.0	UD	5	14.5	25.0	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-22-4	Silver	5.00	UDN5		0.30	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-23-5	Sodium	380000	D	5	640	2500	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-28-0	Thallium	5.00	UDN5		0.30	5.00	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-62-2	Vanadium	3.75	JD	5	0.39	25.0	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A
7440-66-6	Zinc	216	DN	5	6.25	25.0	ug/L	07/25/25 10:10	07/25/25 18:31	6020B	3010A

Color Before:	Colorless	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