

Report of Analysis

Client:	PSEG	Date Collected:	07/24/25
Project:	Hackensack Sub HQ	Date Received:	07/24/25
Client Sample ID:	298	SDG No.:	Q2691
Lab Sample ID:	Q2691-05	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	195000	DN	5	485	5000	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-36-0	Antimony	325	JD	5	27.5	500	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-38-2	Arsenic	538	D	5	22.3	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-39-3	Barium	14900	DN	5	52.5	2500	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-41-7	Beryllium	250	UD	5	80.0	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-43-9	Cadmium	248	JD	5	85.0	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-70-2	Calcium	438000	DN	5	11400	125000	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-47-3	Chromium	3220	D	5	52.5	500	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-48-4	Cobalt	228	JD	5	17.5	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-50-8	Copper	103000	D	5	75.0	500	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7439-89-6	Iron	1120000	DN	5	1950	12500	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7439-92-1	Lead	12400	D	5	52.5	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7439-95-4	Magnesium	106000	JD	5	4880	125000	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7439-96-5	Manganese	5540	D	5	108	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7439-97-6	Mercury	27.4	D	10	0.76	2.00	ug/L	07/29/25 13:15	07/30/25 11:57	7470A	
7440-02-0	Nickel	1470	D	5	67.5	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-09-7	Potassium	43800	JD	5	9100	125000	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7782-49-2	Selenium	1250	UD	5	725	1250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-22-4	Silver	57.5	JDN	5	15.0	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-23-5	Sodium	229000	D	5	32000	125000	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-28-0	Thallium	250	UDN	5	15.0	250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-62-2	Vanadium	688	JD	5	19.3	1250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A
7440-66-6	Zinc	66900	DN	5	313	1250	ug/L	07/25/25 10:10	07/25/25 18:50	6020B	3010A

Color Before:	Black	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