

Report of Analysis

Client:	PSEG	Date Collected:	08/28/25
Project:	Central Gas Plant	Date Received:	08/28/25
Client Sample ID:	1127-COMP	SDG No.:	Q2981
Lab Sample ID:	Q2981-01	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	27.4	JD	5	9.70	100	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-36-0	Antimony	3.05	JD	5	0.55	10.0	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-38-2	Arsenic	511	DN*	5	0.45	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-39-3	Barium	12.2	JD	5	1.05	50.0	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-41-7	Beryllium	5.00	UD	5	1.60	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-43-9	Cadmium	5.00	UD	5	1.70	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-70-2	Calcium	5700	D	5	229	2500	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-47-3	Chromium	22.6	D	5	1.05	10.0	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-48-4	Cobalt	1.35	JD	5	0.35	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-50-8	Copper	14.4	D	5	1.50	10.0	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7439-89-6	Iron	19400	DN	5	39.1	250	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7439-92-1	Lead	8.75	D	5	1.05	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7439-95-4	Magnesium	334	JD	5	97.5	2500	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7439-96-5	Manganese	677	D	5	2.15	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7439-97-6	Mercury	0.20	UN	1	0.076	0.20	ug/L	08/29/25 09:45	08/29/25 13:45	7470A	
7440-02-0	Nickel	78.5	D	5	1.35	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-09-7	Potassium	2500	UD	5	182	2500	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7782-49-2	Selenium	248	D	5	14.5	25.0	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-22-4	Silver	5.00	UDN	5	0.30	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-23-5	Sodium	5310	D	5	640	2500	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-28-0	Thallium	1.10	JD	5	0.30	5.00	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-62-2	Vanadium	1.75	JD	5	0.39	25.0	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A
7440-66-6	Zinc	150	D	5	6.25	25.0	ug/L	08/29/25 10:30	08/29/25 14:27	6020B	3010A

Color Before:	Pink	Clarity Before:	Cloudy	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