

Report of Analysis

Client:	PSEG	Date Collected:	07/31/25
Project:	Orange Gas	Date Received:	07/31/25
Client Sample ID:	50743	SDG No.:	Q2739
Lab Sample ID:	Q2739-01	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	2640	DN*5	9.70		100	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-36-0	Antimony	2.45	JDN*5	0.55		10.0	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-38-2	Arsenic	61.8	DN 5	0.45		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-39-3	Barium	310	DN*5	1.05		50.0	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-41-7	Beryllium	5.00	UDN5	1.60		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-43-9	Cadmium	5.00	UDN5	1.70		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-70-2	Calcium	24000	DN*5	229		2500	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-47-3	Chromium	45.7	DN*5	1.05		10.0	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-48-4	Cobalt	6.55	DN*5	0.35		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-50-8	Copper	38.3	DN*5	1.50		10.0	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7439-89-6	Iron	1150000	DN*5	39.1		250	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7439-92-1	Lead	69.3	DN*5	1.05		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7439-95-4	Magnesium	5080	DN*5	97.5		2500	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7439-96-5	Manganese	6050	DN*5	2.15		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7439-97-6	Mercury	0.33	1	0.076		0.20	ug/L	08/05/25 09:30	08/06/25 15:08	7470A	
7440-02-0	Nickel	20.7	DN*5	1.35		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-09-7	Potassium	787000	DN*5	182		2500	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7782-49-2	Selenium	105	DN*5	14.5		25.0	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-22-4	Silver	5.00	UDN5	0.30		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-23-5	Sodium	59900	DN*5	640		2500	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-28-0	Thallium	5.00	UDN5	0.30		5.00	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-62-2	Vanadium	6.60	JDN*5	0.39		25.0	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A
7440-66-6	Zinc	742	DN*5	6.25		25.0	ug/L	08/04/25 17:45	08/05/25 16:02	6020B	3010A

Color Before:	light 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