

Report of Analysis

Client:	PSEG	Date Collected:	07/11/25
Project:	New Brunswick Gas District	Date Received:	07/11/25
Client Sample ID:	NWB-2187	SDG No.:	Q2591
Lab Sample ID:	Q2591-04	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	2410	D	5	97.0	1000	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-36-0	Antimony	100	UD	5	5.50	100	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-38-2	Arsenic	5.50	JD	5	4.45	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-39-3	Barium	4950	D	5	10.5	500	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-41-7	Beryllium	50.0	UD	5	16.0	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-43-9	Cadmium	50.0	UD	5	17.0	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-70-2	Calcium	24600	JD	5	2290	25000	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-47-3	Chromium	573	D	5	10.5	100	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-48-4	Cobalt	8.00	JD	5	3.50	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-50-8	Copper	100	UD	5	15.0	100	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7439-89-6	Iron	5900000	D	5	391	2500	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7439-92-1	Lead	50.0	UD	5	10.5	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7439-95-4	Magnesium	3980	JD	5	975	25000	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7439-96-5	Manganese	90500	D	5	21.5	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7439-97-6	Mercury	0.65		1	0.076	0.20	ug/L	07/14/25 08:35	07/14/25 13:50	7470A	
7440-02-0	Nickel	47.5	JD	5	13.5	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-09-7	Potassium	45700	D	5	1820	25000	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7782-49-2	Selenium	250	UD	5	145	250	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-22-4	Silver	50.0	UD	5	3.00	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-23-5	Sodium	546000	D	5	6400	25000	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-28-0	Thallium	3.50	JD	5	3.00	50.0	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-62-2	Vanadium	250	UD	5	3.85	250	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A
7440-66-6	Zinc	3210	D	5	62.5	250	ug/L	07/17/25 10:02	07/18/25 18:20	6020B	3010A

Color Before:	Brown	Clarity Before:	Clear	Texture:
Color After:	ligh Btrown	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