

Report of Analysis

Client: PSEG
Project: PSEG New Brunswick Gas.
Client Sample ID: NWB-2226
Lab Sample ID: Q3517-03
Level (low/med): low

Date Collected: 10/31/25
Date Received: 10/31/25
SDG No.: Q3517
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2160	D	25	48.5	500	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-36-0	Antimony	250	UD	125	13.8	250	ug/L	11/03/25 10:50	11/04/25 21:06	6020B	3010A
7440-38-2	Arsenic	68.5	D*	25	2.23	25.0	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-39-3	Barium	50.0	JD	125	26.3	1250	ug/L	11/03/25 10:50	11/04/25 21:06	6020B	3010A
7440-41-7	Beryllium	25.0	UD	25	8.00	25.0	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-43-9	Cadmium	125	UD	125	42.5	125	ug/L	11/03/25 10:50	11/04/25 21:06	6020B	3010A
7440-70-2	Calcium	18500	D	25	1140	12500	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-47-3	Chromium	23.0	JD	25	5.25	50.0	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-48-4	Cobalt	2.00	JD	25	1.75	25.0	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-50-8	Copper	76.8	D	25	7.50	50.0	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7439-89-6	Iron	42700	D	25	195	1250	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7439-92-1	Lead	125	UD	125	26.3	125	ug/L	11/03/25 10:50	11/04/25 21:06	6020B	3010A
7439-95-4	Magnesium	29300	D	25	488	12500	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7439-96-5	Manganese	3130	D	25	10.8	25.0	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7439-97-6	Mercury	0.20	U	1	0.076	0.20	ug/L	11/03/25 13:30	11/04/25 08:53	7470A	M7470A
7440-02-0	Nickel	31.5	D	25	6.75	25.0	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-09-7	Potassium	23100	D	25	910	12500	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7782-49-2	Selenium	625	UD	125	363	625	ug/L	11/03/25 10:50	11/04/25 21:06	6020B	3010A
7440-22-4	Silver	125	UDN	125	7.50	125	ug/L	11/03/25 10:50	11/04/25 21:06	6020B	3010A
7440-23-5	Sodium	26500	D	25	3200	12500	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-28-0	Thallium	125	UD	125	7.50	125	ug/L	11/03/25 10:50	11/04/25 21:06	6020B	3010A
7440-62-2	Vanadium	2.75	JD	25	1.93	125	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A
7440-66-6	Zinc	2130	D	25	31.3	125	ug/L	11/03/25 10:50	11/04/25 20:11	6020B	3010A

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