

Report of Analysis

Client:	PSEG	Date Collected:	11/07/25
Project:	New Brunswick Gas and Appliance Service (NB)	Date Received:	11/07/25
Client Sample ID:	NB-08-110725	SDG No.:	Q3587
Lab Sample ID:	Q3587-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9760		1	0.78	4.64	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-36-0	Antimony	0.29	JN	1	0.20	2.32	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-38-2	Arsenic	2.98		1	0.18	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-39-3	Barium	25.0		1	0.68	4.64	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-41-7	Beryllium	0.75		1	0.023	0.28	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-43-9	Cadmium	0.23	J	1	0.022	0.28	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-70-2	Calcium	4550		1	10.3	92.8	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-47-3	Chromium	12.3		1	0.044	0.46	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-48-4	Cobalt	11.8		1	0.093	1.39	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-50-8	Copper	11.5	N*	1	0.20	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7439-89-6	Iron	14500		1	3.70	4.64	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7439-92-1	Lead	8.27		1	0.12	0.56	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7439-95-4	Magnesium	3630		1	11.1	92.8	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7439-96-5	Manganese	162		1	0.13	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7439-97-6	Mercury	0.010	J	1	0.0070	0.013	mg/Kg	11/11/25 08:40	11/11/25 15:15	7471B	
7440-02-0	Nickel	13.1		1	0.12	1.86	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-09-7	Potassium	775		1	25.7	92.8	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7782-49-2	Selenium	0.24	UN	1	0.24	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-22-4	Silver	1.87	N	1	0.11	0.46	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-23-5	Sodium	545	N	1	16.5	92.8	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.86	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-62-2	Vanadium	23.4	N	1	0.23	1.86	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050
7440-66-6	Zinc	23.0	*	1	0.21	1.86	mg/Kg	11/10/25 14:40	11/10/25 19:26	6010D	SW3050

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