

Report of Analysis

Client:	PSEG	Date Collected:	09/15/25
Project:	New Brunswick Gas and Appliance Service MA00006789	Date Received:	09/15/25
Client Sample ID:	NB-07-09152025	SDG No.:	Q3106
Lab Sample ID:	Q3106-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	96

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8440		1	0.78	4.65	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.33	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-38-2	Arsenic	3.61		1	0.18	0.93	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-39-3	Barium	47.9	N	1	0.68	4.65	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-41-7	Beryllium	0.77	N	1	0.023	0.28	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-43-9	Cadmium	0.56		1	0.022	0.28	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-70-2	Calcium	6390		1	10.3	93.0	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-47-3	Chromium	15.4		1	0.044	0.47	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-48-4	Cobalt	12.7		1	0.093	1.40	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-50-8	Copper	24.0		1	0.21	0.93	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7439-89-6	Iron	21500		1	3.71	4.65	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7439-92-1	Lead	18.2		1	0.12	0.56	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7439-95-4	Magnesium	5680		1	11.2	93.0	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7439-96-5	Manganese	514		1	0.13	0.93	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7439-97-6	Mercury	0.022		1	0.0070	0.013	mg/Kg	09/16/25 10:29	09/16/25 14:46	7471B	
7440-02-0	Nickel	27.3		1	0.12	1.86	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-09-7	Potassium	1030		1	25.8	93.0	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7782-49-2	Selenium	0.24	UN	1	0.24	0.93	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-22-4	Silver	0.52		1	0.11	0.47	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-23-5	Sodium	625	N	1	16.6	93.0	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.86	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-62-2	Vanadium	35.0		1	0.23	1.86	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050
7440-66-6	Zinc	53.1	N	1	0.21	1.86	mg/Kg	09/16/25 10:20	09/16/25 15:57	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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