

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	New Brunswick Gas and Appliance Service MA00006789	Date Received:	05/20/25
Client Sample ID:	NB-08-05202025	SDG No.:	Q2087
Lab Sample ID:	Q2087-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	95

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	621		1	0.80	4.78	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-36-0	Antimony	0.21	U	1	0.21	2.39	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-38-2	Arsenic	0.51	J	1	0.18	0.96	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-39-3	Barium	3.74	J	1	0.70	4.78	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-41-7	Beryllium	0.083	J	1	0.024	0.29	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-43-9	Cadmium	0.072	J	1	0.023	0.29	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-70-2	Calcium	13700		1	10.6	95.7	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-47-3	Chromium	3.42		1	0.045	0.48	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-48-4	Cobalt	0.99	J	1	0.096	1.44	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-50-8	Copper	1.78		1	0.21	0.96	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7439-89-6	Iron	2840		1	3.82	4.78	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7439-92-1	Lead	1.62		1	0.12	0.57	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7439-95-4	Magnesium	8060		1	11.5	95.7	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7439-96-5	Manganese	33.1		1	0.13	0.96	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.013	mg/Kg	05/23/25 11:08	05/23/25 12:54	7471B	
7440-02-0	Nickel	1.89	J	1	0.12	1.91	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-09-7	Potassium	119		1	26.5	95.7	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.96	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.48	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-23-5	Sodium	25.1	J	1	17.0	95.7	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.91	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-62-2	Vanadium	3.57		1	0.24	1.91	mg/Kg	05/21/25 10:30	05/22/25 17:54	6010D	SW3050
7440-66-6	Zinc	5.00		1	0.22	1.91	mg/Kg	05/21/25 10:30	05/22/25 17:54	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