

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-07-05202025	SDG No.:	Q2087
Lab Sample ID:	Q2087-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7660		1	0.83	4.95	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-36-0	Antimony	0.22	U	1	0.22	2.48	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-38-2	Arsenic	3.08		1	0.19	0.99	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-39-3	Barium	34.4		1	0.72	4.95	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-41-7	Beryllium	0.31		1	0.025	0.30	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-43-9	Cadmium	0.11	J	1	0.024	0.30	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-70-2	Calcium	23100		1	11.0	99.0	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-47-3	Chromium	13.2		1	0.047	0.50	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-48-4	Cobalt	3.94		1	0.099	1.49	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-50-8	Copper	28.3		1	0.22	0.99	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7439-89-6	Iron	11000		1	3.95	4.95	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7439-92-1	Lead	19.4		1	0.13	0.59	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7439-95-4	Magnesium	2990		1	11.9	99.0	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7439-96-5	Manganese	135		1	0.14	0.99	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7439-97-6	Mercury	0.031		1	0.0080	0.014	mg/Kg	05/23/25 11:08	05/23/25 12:52	7471B	
7440-02-0	Nickel	9.99		1	0.13	1.98	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-09-7	Potassium	682		1	27.4	99.0	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7782-49-2	Selenium	0.84	J	1	0.26	0.99	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.50	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-23-5	Sodium	313		1	17.6	99.0	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-28-0	Thallium	0.76	J	1	0.23	1.98	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-62-2	Vanadium	29.3		1	0.25	1.98	mg/Kg	05/21/25 10:30	05/22/25 17:49	6010D	SW3050
7440-66-6	Zinc	57.7		1	0.23	1.98	mg/Kg	05/21/25 10:30	05/22/25 17:49	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