

Report of Analysis

Client:	PSEG	Date Collected:	06/18/25
Project:	New Brunswick Gas and Appliance Service MA00006789	Date Received:	06/18/25
Client Sample ID:	NB-07-06182025	SDG No.:	Q2358
Lab Sample ID:	Q2358-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4150		1	0.88	5.24	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-36-0	Antimony	1.11	JN	1	0.23	2.62	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-38-2	Arsenic	1.17		1	0.20	1.05	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-39-3	Barium	28.6	N	1	0.77	5.24	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-41-7	Beryllium	0.27	J	1	0.026	0.31	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-43-9	Cadmium	0.11	J	1	0.025	0.31	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-70-2	Calcium	3270	*	1	11.6	105	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-47-3	Chromium	11.1		1	0.049	0.52	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-48-4	Cobalt	5.67		1	0.11	1.57	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-50-8	Copper	66.5		1	0.23	1.05	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7439-89-6	Iron	10800		1	4.18	5.24	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7439-92-1	Lead	6.26		1	0.14	0.63	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7439-95-4	Magnesium	3460		1	12.6	105	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7439-96-5	Manganese	124	*	1	0.15	1.05	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7439-97-6	Mercury	0.017		1	0.0080	0.015	mg/Kg	06/19/25 09:25	06/19/25 15:16	7471B	
7440-02-0	Nickel	8.92		1	0.14	2.09	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-09-7	Potassium	1140	N	1	29.0	105	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7782-49-2	Selenium	1.44		1	0.27	1.05	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-22-4	Silver	0.52	J	1	0.13	0.52	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-23-5	Sodium	136		1	18.6	105	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.09	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-62-2	Vanadium	18.0		1	0.26	2.09	mg/Kg	06/19/25 10:05	06/19/25 19:27	6010D	SW3050
7440-66-6	Zinc	15.5		1	0.12	2.09	mg/Kg	06/19/25 10:05	06/19/25 19:27	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