

Report of Analysis

Client:	PSEG	Date Collected:	08/04/25
Project:	New Brunswick Gas and Appliance Service MA00006789	Date Received:	08/04/25
Client Sample ID:	NB-07-08042025	SDG No.:	Q2760
Lab Sample ID:	Q2760-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1240		1	0.72	4.31	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	2.15	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-38-2	Arsenic	1.99	*	1	0.16	0.86	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-39-3	Barium	8.36	N*	1	0.63	4.31	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-41-7	Beryllium	0.20	J	1	0.022	0.26	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-43-9	Cadmium	0.021	U	1	0.021	0.26	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-70-2	Calcium	1350	*	1	9.57	86.2	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-47-3	Chromium	5.30		1	0.041	0.43	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-48-4	Cobalt	1.27	J	1	0.086	1.29	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-50-8	Copper	6.20	N*	1	0.19	0.86	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7439-89-6	Iron	6480	*	1	3.44	4.31	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7439-92-1	Lead	7.41		1	0.11	0.52	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7439-95-4	Magnesium	837	*	1	10.3	86.2	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7439-96-5	Manganese	31.1	N*	1	0.12	0.86	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7439-97-6	Mercury	0.0080	UN*	1	0.0080	0.014	mg/Kg	08/05/25 10:30	08/05/25 14:19	7471B	
7440-02-0	Nickel	2.54		1	0.11	1.72	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-09-7	Potassium	196	N*	1	23.9	86.2	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7782-49-2	Selenium	0.22	U	1	0.22	0.86	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-22-4	Silver	0.19	J	1	0.10	0.43	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-23-5	Sodium	61.2	JN	1	15.3	86.2	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-28-0	Thallium	0.20	U	1	0.20	1.72	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-62-2	Vanadium	8.91	N*	1	0.22	1.72	mg/Kg	08/05/25 10:10	08/06/25 14:07	6010D	SW3050
7440-66-6	Zinc	9.38		1	0.20	1.72	mg/Kg	08/05/25 10:10	08/06/25 14:07	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