

Report of Analysis

Client:	PSEG	Date Collected:	12/27/24
Project:	New Brunswick Gas and Appliance Service MA00006789	Date Received:	12/27/24
Client Sample ID:	NB-07-12272024	SDG No.:	P5391
Lab Sample ID:	P5391-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2040		1	2.40	4.99	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.49	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-38-2	Arsenic	1.64		1	0.29	1.00	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-39-3	Barium	15.3	N	1	0.64	4.99	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-41-7	Beryllium	0.24	J*	1	0.012	0.30	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.30	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-70-2	Calcium	30800		1	2.79	99.8	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-47-3	Chromium	7.04		1	0.054	0.50	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-48-4	Cobalt	3.01		1	0.058	1.50	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-50-8	Copper	15.0	N	1	0.47	1.00	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7439-89-6	Iron	6400		1	2.68	4.99	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7439-92-1	Lead	6.18		1	0.15	0.60	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7439-95-4	Magnesium	20700		1	3.42	99.8	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7439-96-5	Manganese	75.7		1	0.071	1.00	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7439-97-6	Mercury	0.010	J	1	0.0060	0.014	mg/Kg	12/30/24 08:43	12/30/24 12:27	SW7471B	
7440-02-0	Nickel	5.52		1	0.090	2.00	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-09-7	Potassium	354		1	28.6	99.8	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7782-49-2	Selenium	0.33	U	1	0.33	1.00	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-22-4	Silver	0.052	U	1	0.052	0.50	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-23-5	Sodium	174		1	36.0	99.8	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-28-0	Thallium	0.44	U	1	0.44	2.00	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-62-2	Vanadium	12.3	N	1	0.27	2.00	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	SW3050
7440-66-6	Zinc	13.6	N	1	0.11	2.00	mg/Kg	12/30/24 11:40	12/30/24 18:23	SW6010	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