

Report of Analysis

Client: PSEG
Project: New Brunswick Gas and Appliance Service MA00006789
Client Sample ID: NB-07-102825
Lab Sample ID: Q3476-01
Level (low/med): low

Date Collected: 10/28/25
Date Received: 10/28/25
SDG No.: Q3476
Matrix: SOIL
% Solid: 92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10700		1	0.83	4.93	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-36-0	Antimony	0.22	UN	1	0.22	2.47	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-38-2	Arsenic	2.31		1	0.19	0.99	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-39-3	Barium	25.3		1	0.72	4.93	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-41-7	Beryllium	0.76		1	0.025	0.30	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-43-9	Cadmium	0.088	J	1	0.024	0.30	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-70-2	Calcium	1780	*	1	10.9	98.6	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-47-3	Chromium	11.9		1	0.046	0.49	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-48-4	Cobalt	7.70		1	0.099	1.48	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-50-8	Copper	10.5		1	0.22	0.99	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7439-89-6	Iron	11900		1	3.93	4.93	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7439-92-1	Lead	6.67		1	0.13	0.59	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7439-95-4	Magnesium	1900		1	11.8	98.6	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7439-96-5	Manganese	111		1	0.14	0.99	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7439-97-6	Mercury	0.0080	U	1	0.0080	0.014	mg/Kg	10/29/25 10:20	10/29/25 14:31	7471B	7471B
7440-02-0	Nickel	11.6		1	0.13	1.97	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-09-7	Potassium	538		1	27.3	98.6	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7782-49-2	Selenium	0.42	J	1	0.26	0.99	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-23-5	Sodium	640		1	17.6	98.6	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-28-0	Thallium	0.23	U	1	0.23	1.97	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-62-2	Vanadium	20.9		1	0.25	1.97	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A
7440-66-6	Zinc	20.7	N	1	0.23	1.97	mg/Kg	10/29/25 09:45	10/29/25 17:19	6010D	SW3010A

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