

Report of Analysis

Client: PSEG
Project: New Brunswick Gas and Appliance Service MA00006789
Client Sample ID: NB-08-10212025
Lab Sample ID: Q3416-01
Level (low/med): low

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3416
Matrix: SOIL
% Solid: 93.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3680		1	0.86	5.13	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-36-0	Antimony	0.23	U	1	0.23	2.56	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-38-2	Arsenic	1.58		1	0.20	1.03	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-39-3	Barium	19.2		1	0.75	5.13	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-41-7	Beryllium	0.46		1	0.026	0.31	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-43-9	Cadmium	0.11	J	1	0.025	0.31	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-70-2	Calcium	7260		1	11.4	103	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-47-3	Chromium	8.05		1	0.048	0.51	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-48-4	Cobalt	5.01		1	0.10	1.54	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-50-8	Copper	16.3		1	0.23	1.03	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7439-89-6	Iron	9980		1	4.09	5.13	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7439-92-1	Lead	11.0		1	0.13	0.62	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7439-95-4	Magnesium	5690		1	12.3	103	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7439-96-5	Manganese	183		1	0.14	1.03	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.013	mg/Kg	10/23/25 10:22	10/23/25 14:27	7471B	7471B
7440-02-0	Nickel	9.87		1	0.13	2.05	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-09-7	Potassium	540		1	28.4	103	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.03	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.51	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-23-5	Sodium	156		1	18.2	103	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.05	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-62-2	Vanadium	14.2		1	0.26	2.05	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050
7440-66-6	Zinc	21.8		1	0.24	2.05	mg/Kg	10/23/25 12:20	10/23/25 16:24	6010D	SW3050

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