

Report of Analysis

Client: PSEG
Project: Burlington Gas and Appliance Service MA00006789
Client Sample ID: BU-03-101625
Lab Sample ID: Q3367-01
Level (low/med): low

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3367
Matrix: SOIL
% Solid: 92.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5930		1	0.76	4.51	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-36-0	Antimony	0.26	J	1	0.20	2.26	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-38-2	Arsenic	2.44		1	0.17	0.90	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-39-3	Barium	16.2		1	0.66	4.51	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-41-7	Beryllium	0.77		1	0.023	0.27	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-43-9	Cadmium	0.13	J	1	0.022	0.27	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-70-2	Calcium	652		1	10.0	90.3	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-47-3	Chromium	3.83		1	0.042	0.45	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-48-4	Cobalt	4.37		1	0.090	1.35	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-50-8	Copper	20.5		1	0.20	0.90	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7439-89-6	Iron	17800		1	3.60	4.51	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7439-92-1	Lead	6.49		1	0.12	0.54	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7439-95-4	Magnesium	474		1	10.8	90.3	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7439-96-5	Manganese	178		1	0.13	0.90	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	10/17/25 08:10	10/17/25 11:11	7471B	7471B
7440-02-0	Nickel	4.10		1	0.12	1.81	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-09-7	Potassium	247		1	25.0	90.3	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7782-49-2	Selenium	0.90	U	1	0.24	0.90	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-22-4	Silver	0.45	U	1	0.11	0.45	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-23-5	Sodium	45.9	J	1	16.1	90.3	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-28-0	Thallium	1.81	U	1	0.21	1.81	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-62-2	Vanadium	8.94		1	0.23	1.81	mg/Kg	10/20/25 10:35	10/20/25 14:15	6010D	SW3050
7440-66-6	Zinc	14.5		1	0.21	1.81	mg/Kg	10/20/25 10:35	10/20/25 14:15	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