

Report of Analysis

Client: PSEG
Project: Plainfield Gas and Appliance Service (PL)
Client Sample ID: PL-01-103125
Lab Sample ID: Q3519-01
Level (low/med): low

Date Collected: 10/31/25
Date Received: 10/31/25
SDG No.: Q3519
Matrix: SOIL
% Solid: 85.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7680		1	0.88	5.26	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-36-0	Antimony	0.23	U	1	0.23	2.63	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-38-2	Arsenic	2.17		1	0.20	1.05	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-39-3	Barium	58.6		1	0.77	5.26	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-41-7	Beryllium	0.50		1	0.026	0.32	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-43-9	Cadmium	0.26	J	1	0.025	0.32	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-70-2	Calcium	4490		1	11.7	105	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-47-3	Chromium	14.0		1	0.049	0.53	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-48-4	Cobalt	8.50		1	0.11	1.58	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-50-8	Copper	27.7		1	0.23	1.05	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7439-89-6	Iron	14800		1	4.20	5.26	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7439-92-1	Lead	23.9		1	0.14	0.63	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7439-95-4	Magnesium	3250		1	12.6	105	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7439-96-5	Manganese	669		1	0.15	1.05	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7439-97-6	Mercury	0.032	N	1	0.0080	0.014	mg/Kg	11/03/25 11:40	11/03/25 15:05	7471B	
7440-02-0	Nickel	16.3		1	0.14	2.11	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-09-7	Potassium	811		1	29.2	105	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.05	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-22-4	Silver	0.47	J	1	0.13	0.53	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-23-5	Sodium	370		1	18.7	105	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.11	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-62-2	Vanadium	21.9		1	0.26	2.11	mg/Kg	11/03/25 10:32	11/04/25 13:33	6010D	SW3050
7440-66-6	Zinc	47.5		1	0.24	2.11	mg/Kg	11/03/25 10:32	11/04/25 13:33	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