

Report of Analysis

Client:	PSEG	Date Collected:	12/03/25
Project:	PSEG - Plainfield Gas	Date Received:	12/03/25
Client Sample ID:	50851-50851B	SDG No.:	Q3759
Lab Sample ID:	Q3759-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1.23	J	1	0.76	4.50	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-36-0	Antimony	2.25	UN	1	0.20	2.25	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-38-2	Arsenic	0.90	U	1	0.17	0.90	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-39-3	Barium	4.50	U	1	0.66	4.50	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-41-7	Beryllium	0.27	UN	1	0.023	0.27	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-43-9	Cadmium	0.27	U	1	0.022	0.27	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-70-2	Calcium	90.1	U	1	10.0	90.1	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-47-3	Chromium	0.33	J	1	0.042	0.45	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-48-4	Cobalt	1.35	U	1	0.090	1.35	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-50-8	Copper	0.90	UN	1	0.20	0.90	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7439-89-6	Iron	4.50	U	1	3.59	4.50	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7439-92-1	Lead	0.54	U	1	0.12	0.54	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7439-95-4	Magnesium	90.1	U	1	10.8	90.1	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7439-96-5	Manganese	0.90	U	1	0.13	0.90	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	12/04/25 10:45	12/04/25 14:54	7471B	M7471B
7440-02-0	Nickel	1.80	U	1	0.12	1.80	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-09-7	Potassium	90.1	UN	1	25.0	90.1	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7782-49-2	Selenium	0.90	UN	1	0.23	0.90	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-22-4	Silver	0.45	UN	1	0.11	0.45	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-23-5	Sodium	90.1	UN	1	16.0	90.1	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-28-0	Thallium	1.80	U	1	0.21	1.80	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-62-2	Vanadium	1.80	U	1	0.23	1.80	mg/Kg	12/04/25 10:30	12/04/25 14:44	6010D	SW3050
7440-66-6	Zinc	1.80	UN*	1	0.21	1.80	mg/Kg	12/04/25 10:30	12/04/25 14:44	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