

Report of Analysis

Client:	PSEG	Date Collected:	08/06/25
Project:	Plainfield Gas and Appliance Service MA0006789	Date Received:	08/06/25
Client Sample ID:	PL-01-08062025	SDG No.:	Q2786
Lab Sample ID:	Q2786-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4220		1	0.78	4.66	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.33	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-38-2	Arsenic	2.01		1	0.18	0.93	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-39-3	Barium	29.1		1	0.68	4.66	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-41-7	Beryllium	0.36		1	0.023	0.28	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-43-9	Cadmium	0.085	J	1	0.022	0.28	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-70-2	Calcium	5160		1	10.3	93.1	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-47-3	Chromium	11.6		1	0.044	0.47	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-48-4	Cobalt	4.93		1	0.093	1.40	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-50-8	Copper	15.5		1	0.21	0.93	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7439-89-6	Iron	9850		1	3.72	4.66	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7439-92-1	Lead	8.94		1	0.12	0.56	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7439-95-4	Magnesium	3160		1	11.2	93.1	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7439-96-5	Manganese	251		1	0.13	0.93	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7439-97-6	Mercury	0.037		1	0.0080	0.015	mg/Kg	08/07/25 16:30	08/08/25 12:18	7471B	
7440-02-0	Nickel	7.59		1	0.12	1.86	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-09-7	Potassium	466		1	25.8	93.1	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.93	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-22-4	Silver	0.23	J	1	0.11	0.47	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-23-5	Sodium	156		1	16.6	93.1	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.86	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-62-2	Vanadium	19.5		1	0.23	1.86	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050
7440-66-6	Zinc	29.0		1	0.21	1.86	mg/Kg	08/06/25 13:10	08/07/25 15:21	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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