

Report of Analysis

Client:	PSEG	Date Collected:	06/13/25
Project:	Plainfield Gas and Appliance Service MA0006789	Date Received:	06/13/25
Client Sample ID:	PL-01-06132025	SDG No.:	Q2323
Lab Sample ID:	Q2323-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5670		1	0.80	4.76	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-36-0	Antimony	1.37	JN	1	0.21	2.38	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-38-2	Arsenic	1.35		1	0.18	0.95	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-39-3	Barium	48.2		1	0.70	4.76	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-41-7	Beryllium	0.31		1	0.024	0.28	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.28	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-70-2	Calcium	3580	*	1	10.6	95.2	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-47-3	Chromium	13.2		1	0.045	0.48	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-48-4	Cobalt	9.65		1	0.095	1.43	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-50-8	Copper	25.4	N	1	0.21	0.95	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7439-89-6	Iron	13700		1	3.80	4.76	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7439-92-1	Lead	15.3		1	0.12	0.57	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7439-95-4	Magnesium	2770		1	11.4	95.2	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7439-96-5	Manganese	458	*	1	0.13	0.95	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7439-97-6	Mercury	0.018		1	0.0080	0.015	mg/Kg	06/17/25 08:10	06/17/25 12:04	7471B	
7440-02-0	Nickel	13.7		1	0.12	1.90	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-09-7	Potassium	441		1	26.4	95.2	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7782-49-2	Selenium	1.81	N	1	0.25	0.95	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-22-4	Silver	0.60		1	0.11	0.48	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-23-5	Sodium	263		1	16.9	95.2	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.90	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-62-2	Vanadium	27.1		1	0.24	1.90	mg/Kg	06/16/25 10:20	06/17/25 15:16	6010D	SW3050
7440-66-6	Zinc	32.0		1	0.11	1.90	mg/Kg	06/16/25 10:20	06/17/25 15:16	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