

Report of Analysis

Client:	PSEG	Date Collected:	09/05/25
Project:	Plainfield Gas and Appliance Service MA0006789	Date Received:	09/05/25
Client Sample ID:	PL-01-09052025	SDG No.:	Q3031
Lab Sample ID:	Q3031-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9360		1	0.87	5.17	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-36-0	Antimony	0.23	U	1	0.23	2.58	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-38-2	Arsenic	4.22		1	0.20	1.03	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-39-3	Barium	82.8		1	0.76	5.17	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-41-7	Beryllium	0.95		1	0.026	0.31	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-43-9	Cadmium	0.78		1	0.025	0.31	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-70-2	Calcium	4690		1	11.5	103	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-47-3	Chromium	16.2		1	0.049	0.52	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-48-4	Cobalt	17.0		1	0.10	1.55	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-50-8	Copper	36.9		1	0.23	1.03	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7439-89-6	Iron	23800		1	4.13	5.17	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7439-92-1	Lead	22.7		1	0.13	0.62	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7439-95-4	Magnesium	7430		1	12.4	103	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7439-96-5	Manganese	623		1	0.14	1.03	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.015	mg/Kg	09/08/25 09:25	09/08/25 15:30	7471B	
7440-02-0	Nickel	35.9		1	0.13	2.07	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-09-7	Potassium	844		1	28.6	103	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.03	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-22-4	Silver	0.44	J	1	0.12	0.52	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-23-5	Sodium	1160		1	18.4	103	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.07	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-62-2	Vanadium	27.7		1	0.26	2.07	mg/Kg	09/08/25 10:20	09/08/25 15:28	6010D	SW3050
7440-66-6	Zinc	57.5		1	0.24	2.07	mg/Kg	09/08/25 10:20	09/08/25 15:28	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