

Report of Analysis

Client:	PSEG	Date Collected:	05/13/25
Project:	Plainfield Gas and Appliance Service MA0006789	Date Received:	05/13/25
Client Sample ID:	PL-02-051325	SDG No.:	Q2024
Lab Sample ID:	Q2024-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6360		1	0.83	4.95	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-36-0	Antimony	0.22	U	1	0.22	2.48	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-38-2	Arsenic	2.21		1	0.19	0.99	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-39-3	Barium	44.6		1	0.72	4.95	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-41-7	Beryllium	0.57		1	0.025	0.30	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-70-2	Calcium	816		1	11.0	99.1	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-47-3	Chromium	14.2		1	0.047	0.50	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-48-4	Cobalt	8.67		1	0.099	1.49	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-50-8	Copper	30.8		1	0.22	0.99	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7439-89-6	Iron	13900		1	3.95	4.95	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7439-92-1	Lead	17.8		1	0.13	0.59	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7439-95-4	Magnesium	2220		1	11.9	99.1	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7439-96-5	Manganese	434		1	0.14	0.99	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7439-97-6	Mercury	0.010	J	1	0.0070	0.013	mg/Kg	05/15/25 08:55	05/15/25 13:59	7471B	
7440-02-0	Nickel	27.1		1	0.13	1.98	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-09-7	Potassium	550		1	27.4	99.1	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7782-49-2	Selenium	1.31		1	0.26	0.99	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.50	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-23-5	Sodium	206		1	17.6	99.1	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.98	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-62-2	Vanadium	21.9		1	0.25	1.98	mg/Kg	05/15/25 10:10	05/16/25 13:56	6010D	SW3050
7440-66-6	Zinc	44.4		1	0.23	1.98	mg/Kg	05/15/25 10:10	05/16/25 13:56	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