

Report of Analysis

Client:	PSEG	Date Collected:	07/23/25
Project:	Plainfield Gas and Appliance Service MA0006789	Date Received:	07/23/25
Client Sample ID:	PL-02-07232025	SDG No.:	Q2684
Lab Sample ID:	Q2684-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4250		1	0.85	5.07	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-36-0	Antimony	1.12	JN*	1	0.22	2.53	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-38-2	Arsenic	2.80		1	0.19	1.01	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-39-3	Barium	40.5		1	0.74	5.07	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-41-7	Beryllium	0.37		1	0.025	0.30	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-43-9	Cadmium	0.098	J	1	0.024	0.30	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-70-2	Calcium	2370		1	11.2	101	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-47-3	Chromium	9.45	N	1	0.048	0.51	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-48-4	Cobalt	7.26	*	1	0.10	1.52	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-50-8	Copper	16.8	N*	1	0.22	1.01	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7439-89-6	Iron	10500		1	4.04	5.07	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7439-92-1	Lead	17.6	N*	1	0.13	0.61	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7439-95-4	Magnesium	2260		1	12.2	101	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7439-96-5	Manganese	256	*	1	0.14	1.01	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7439-97-6	Mercury	0.028	N	1	0.0080	0.014	mg/Kg	07/24/25 15:10	07/25/25 12:23	7471B	
7440-02-0	Nickel	11.9		1	0.13	2.03	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-09-7	Potassium	343		1	28.1	101	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7782-49-2	Selenium	2.24	N	1	0.26	1.01	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-22-4	Silver	2.23	N	1	0.12	0.51	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-23-5	Sodium	156	N	1	18.0	101	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.03	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-62-2	Vanadium	17.2	N	1	0.25	2.03	mg/Kg	07/25/25 10:15	07/25/25 15:09	6010D	SW3050
7440-66-6	Zinc	26.4	*	1	0.11	2.03	mg/Kg	07/25/25 10:15	07/25/25 15:09	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