

Report of Analysis

Client:	PSEG	Date Collected:	06/27/25
Project:	Plainfield Gas and Appliance Service MA0006789	Date Received:	06/27/25
Client Sample ID:	PL-2-062725	SDG No.:	Q2450
Lab Sample ID:	Q2450-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8480		1	0.80	4.73	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-36-0	Antimony	3.35	N	1	0.21	2.37	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-38-2	Arsenic	2.42	N	1	0.18	0.95	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-39-3	Barium	58.3	N	1	0.69	4.73	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-41-7	Beryllium	0.58	N	1	0.024	0.28	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.28	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-70-2	Calcium	2220		1	10.5	94.6	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-47-3	Chromium	13.4	N	1	0.044	0.47	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-48-4	Cobalt	12.4		1	0.095	1.42	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-50-8	Copper	41.7	N	1	0.21	0.95	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7439-89-6	Iron	18700		1	3.78	4.73	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7439-92-1	Lead	44.3		1	0.12	0.57	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7439-95-4	Magnesium	3450		1	11.4	94.6	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7439-96-5	Manganese	399		1	0.13	0.95	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7439-97-6	Mercury	0.036		1	0.0070	0.013	mg/Kg	07/01/25 14:10	07/02/25 11:19	7471B	
7440-02-0	Nickel	20.0		1	0.12	1.89	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-09-7	Potassium	621	N	1	26.2	94.6	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7782-49-2	Selenium	4.15	N	1	0.25	0.95	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-22-4	Silver	0.72	N	1	0.11	0.47	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-23-5	Sodium	429		1	16.8	94.6	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.89	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-62-2	Vanadium	27.6	N	1	0.24	1.89	mg/Kg	06/30/25 09:50	07/01/25 16:50	6010D	SW3050
7440-66-6	Zinc	105	N	1	0.22	1.89	mg/Kg	06/30/25 09:50	07/01/25 16:50	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