

Report of Analysis

Client:	PSEG	Date Collected:	08/15/25
Project:	Plainfield Gas and Appliance Service MA0006789	Date Received:	08/15/25
Client Sample ID:	PL-02-081525	SDG No.:	Q2889
Lab Sample ID:	Q2889-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8840	*	1	0.79	4.69	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.34	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-38-2	Arsenic	3.41		1	0.18	0.94	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-39-3	Barium	36.3	*	1	0.68	4.69	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-41-7	Beryllium	0.77	N*	1	0.023	0.28	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-43-9	Cadmium	0.44	*	1	0.022	0.28	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-70-2	Calcium	1140		1	10.4	93.7	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-47-3	Chromium	11.7		1	0.044	0.47	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-48-4	Cobalt	7.08	N*	1	0.094	1.41	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-50-8	Copper	12.1	*	1	0.21	0.94	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7439-89-6	Iron	14700	*	1	3.74	4.69	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7439-92-1	Lead	10.9		1	0.12	0.56	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7439-95-4	Magnesium	2400		1	11.2	93.7	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7439-96-5	Manganese	250		1	0.13	0.94	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7439-97-6	Mercury	0.034		1	0.0080	0.014	mg/Kg	08/18/25 08:40	08/18/25 14:49	7471B	
7440-02-0	Nickel	12.1		1	0.12	1.87	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-09-7	Potassium	632	N*	1	26.0	93.7	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.94	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-22-4	Silver	0.46	J	1	0.11	0.47	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-23-5	Sodium	171		1	16.7	93.7	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.87	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-62-2	Vanadium	21.5	N	1	0.23	1.87	mg/Kg	08/18/25 09:05	08/19/25 14:46	6010D	SW3050
7440-66-6	Zinc	30.1	N	1	0.22	1.87	mg/Kg	08/18/25 09:05	08/19/25 14:46	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