

Report of Analysis

Client:	PSEG	Date Collected:	06/05/25
Project:	Plainfield Gas District	Date Received:	06/05/25
Client Sample ID:	0528	SDG No.:	Q2238
Lab Sample ID:	Q2238-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7160	*	1	0.90	5.33	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-36-0	Antimony	0.41	JN	1	0.24	2.67	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-38-2	Arsenic	2.28		1	0.20	1.07	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-39-3	Barium	66.1		1	0.78	5.33	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-41-7	Beryllium	0.36		1	0.027	0.32	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-43-9	Cadmium	5.11	N	1	0.026	0.32	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-70-2	Calcium	18700	*	1	11.8	107	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-47-3	Chromium	13.0	N	1	0.050	0.53	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-48-4	Cobalt	9.31	N	1	0.11	1.60	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-50-8	Copper	96.1		1	0.24	1.07	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7439-89-6	Iron	16700	*	1	4.26	5.33	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7439-92-1	Lead	23.8	N	1	0.14	0.64	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7439-95-4	Magnesium	6730		1	12.8	107	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7439-96-5	Manganese	298	*	1	0.15	1.07	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7439-97-6	Mercury	2.23	DN	10	0.077	0.14	mg/Kg	06/09/25 08:00	06/09/25 14:23	7471B	
7440-02-0	Nickel	21.2	N	1	0.14	2.13	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-09-7	Potassium	770	N	1	29.5	107	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7782-49-2	Selenium	1.88		1	0.28	1.07	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-22-4	Silver	0.53	U	1	0.13	0.53	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-23-5	Sodium	391	N*	1	19.0	107	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-28-0	Thallium	2.13	U	1	0.25	2.13	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-62-2	Vanadium	30.6	N	1	0.27	2.13	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050
7440-66-6	Zinc	375		1	0.25	2.13	mg/Kg	06/05/25 14:10	06/11/25 14:51	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

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