

Report of Analysis

Client:	PSEG	Date Collected:	05/06/25
Project:	Plainfield Gas District	Date Received:	05/06/25
Client Sample ID:	50623	SDG No.:	Q1965
Lab Sample ID:	Q1965-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1.89	JDN	5	0.78	4.33	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-36-0	Antimony	0.43	UDN	5	0.097	0.43	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-38-2	Arsenic	0.22	UDN	5	0.026	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-39-3	Barium	2.16	UDN	5	0.071	2.16	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-41-7	Beryllium	0.22	UDN	5	0.069	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-43-9	Cadmium	0.22	UDN	5	0.039	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-70-2	Calcium	761	DN	5	10.4	108	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-47-3	Chromium	0.056	JDN	5	0.056	0.43	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-48-4	Cobalt	0.22	UDN	5	0.019	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-50-8	Copper	0.72	DN	5	0.14	0.43	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7439-89-6	Iron	6.62	JD	5	1.99	10.8	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7439-92-1	Lead	0.22	UDN	5	0.069	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7439-95-4	Magnesium	6.44	JDN	5	4.18	108	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7439-96-5	Manganese	0.23	DN	5	0.074	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	05/06/25 15:40	05/07/25 13:53	SW7471B	
7440-02-0	Nickel	0.22	UDN	5	0.093	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-09-7	Potassium	108	UDN	5	8.31	108	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7782-49-2	Selenium	1.08	UDN	5	0.61	1.08	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-22-4	Silver	0.22	UDN	5	0.056	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-23-5	Sodium	108	UDN	5	15.2	108	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-28-0	Thallium	0.22	UDN	5	0.030	0.22	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-62-2	Vanadium	1.08	UDN	5	0.024	1.08	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	SW3050
7440-66-6	Zinc	290	DN	5	0.20	1.08	mg/Kg	05/07/25 10:30	05/08/25 15:46	SW6020	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