

Report of Analysis

Client:	PSEG	Date Collected:	03/27/25
Project:	NYE Avenue Substation	Date Received:	03/27/25
Client Sample ID:	TP-8	SDG No.:	Q1672
Lab Sample ID:	Q1672-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4030		1	2.34	4.86	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-36-0	Antimony	2.43	UN	1	0.15	2.43	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-38-2	Arsenic	1.45		1	0.28	0.97	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-39-3	Barium	26.1	N	1	0.62	4.86	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-41-7	Beryllium	0.42		1	0.012	0.29	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-43-9	Cadmium	0.29	U	1	0.016	0.29	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-70-2	Calcium	974		1	2.72	97.3	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-47-3	Chromium	7.33		1	0.053	0.49	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-48-4	Cobalt	4.53		1	0.056	1.46	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-50-8	Copper	14.8		1	0.46	0.97	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7439-89-6	Iron	8440		1	2.62	4.86	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7439-92-1	Lead	6.35		1	0.15	0.58	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7439-95-4	Magnesium	1160		1	3.34	97.3	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7439-96-5	Manganese	194		1	0.069	0.97	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7439-97-6	Mercury	0.016		1	0.0080	0.014	mg/Kg	03/31/25 09:45	03/31/25 13:19	SW7471B	
7440-02-0	Nickel	9.32		1	0.088	1.95	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-09-7	Potassium	402		1	27.9	97.3	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7782-49-2	Selenium	0.97	U	1	0.32	0.97	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-22-4	Silver	0.060	J	1	0.051	0.49	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-23-5	Sodium	251		1	35.1	97.3	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-28-0	Thallium	1.95	U	1	0.43	1.95	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-62-2	Vanadium	9.52		1	0.26	1.95	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050
7440-66-6	Zinc	21.3	N	1	0.11	1.95	mg/Kg	03/31/25 12:05	04/01/25 13:11	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Full Waste Classification			

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