

Report of Analysis

Client:	PSEG	Date Collected:	03/28/25
Project:	NYE Avenue Substation	Date Received:	03/28/25
Client Sample ID:	TP-10	SDG No.:	Q1679
Lab Sample ID:	Q1679-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3550		1	2.40	4.97	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-36-0	Antimony	2.49	UN	1	0.15	2.49	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-38-2	Arsenic	2.90		1	0.29	0.99	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-39-3	Barium	31.8	N	1	0.64	4.97	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-41-7	Beryllium	0.32		1	0.012	0.30	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-43-9	Cadmium	0.30	U	1	0.016	0.30	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-70-2	Calcium	1270		1	2.78	99.4	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-47-3	Chromium	6.91		1	0.054	0.50	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-48-4	Cobalt	3.75		1	0.058	1.49	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-50-8	Copper	24.6		1	0.47	0.99	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7439-89-6	Iron	8060		1	2.67	4.97	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7439-92-1	Lead	21.2		1	0.15	0.60	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7439-95-4	Magnesium	966		1	3.41	99.4	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7439-96-5	Manganese	193		1	0.071	0.99	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7439-97-6	Mercury	0.032		1	0.0090	0.015	mg/Kg	04/01/25 09:24	04/01/25 14:10	SW7471B	
7440-02-0	Nickel	7.94		1	0.089	1.99	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-09-7	Potassium	369		1	28.5	99.4	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7782-49-2	Selenium	0.99	U	1	0.33	0.99	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-22-4	Silver	0.24	J	1	0.052	0.50	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-23-5	Sodium	171		1	35.9	99.4	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-28-0	Thallium	1.99	U	1	0.44	1.99	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-62-2	Vanadium	8.97		1	0.27	1.99	mg/Kg	03/31/25 12:05	04/01/25 14:01	SW6010	SW3050
7440-66-6	Zinc	30.5	N	1	0.11	1.99	mg/Kg	03/31/25 12:05	04/01/25 14:01	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