

Report of Analysis

Client:	PSEG	Date Collected:	01/16/25
Project:	Defective Pole Replacement	Date Received:	01/16/25
Client Sample ID:	VNJ-241	SDG No.:	Q1103
Lab Sample ID:	Q1103-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5350		1	2.23	4.62	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-36-0	Antimony	0.16	J	1	0.14	2.31	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-38-2	Arsenic	1.91		1	0.27	0.92	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-39-3	Barium	20.3		1	0.59	4.62	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-41-7	Beryllium	0.38		1	0.011	0.28	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-43-9	Cadmium	0.089	J	1	0.015	0.28	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-70-2	Calcium	609		1	2.59	92.4	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-47-3	Chromium	8.75		1	0.050	0.46	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-48-4	Cobalt	4.33		1	0.054	1.39	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-50-8	Copper	14.6		1	0.43	0.92	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7439-89-6	Iron	9040		1	2.49	4.62	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7439-92-1	Lead	26.7		1	0.14	0.55	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7439-95-4	Magnesium	1340		1	3.17	92.4	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7439-96-5	Manganese	196		1	0.066	0.92	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7439-97-6	Mercury	0.035		1	0.0060	0.014	mg/Kg	01/20/25 13:11	01/20/25 14:10	SW7471B	
7440-02-0	Nickel	8.33		1	0.083	1.85	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-09-7	Potassium	408		1	26.5	92.4	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7782-49-2	Selenium	0.92	U	1	0.31	0.92	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-22-4	Silver	0.16	J	1	0.048	0.46	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-23-5	Sodium	93.6		1	33.4	92.4	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-28-0	Thallium	1.85	U	1	0.41	1.85	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-62-2	Vanadium	12.6		1	0.25	1.85	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050
7440-66-6	Zinc	84.7	N	1	0.10	1.85	mg/Kg	01/17/25 08:40	01/20/25 13:47	SW6010	SW3050

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

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