

Report of Analysis

Client:	PSEG	Date Collected:	02/19/25
Project:	Palisades Electric HQ	Date Received:	02/19/25
Client Sample ID:	OD-281	SDG No.:	Q1393
Lab Sample ID:	Q1393-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	87

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4430		1	2.59	5.37	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-36-0	Antimony	1.59	JN	1	0.16	2.69	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-38-2	Arsenic	162		1	0.31	1.07	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-39-3	Barium	47.9	N	1	0.69	5.37	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-41-7	Beryllium	0.63		1	0.013	0.32	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-43-9	Cadmium	2.80		1	0.017	0.32	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-70-2	Calcium	3280		1	3.01	107	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-47-3	Chromium	6.60		1	0.058	0.54	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-48-4	Cobalt	2.66		1	0.062	1.61	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-50-8	Copper	19.2		1	0.51	1.07	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7439-89-6	Iron	16300		1	2.89	5.37	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7439-92-1	Lead	21.1		1	0.16	0.65	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7439-95-4	Magnesium	1170		1	3.68	107	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7439-96-5	Manganese	75.4		1	0.076	1.07	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7439-97-6	Mercury	0.0060	J	1	0.0060	0.014	mg/Kg	02/21/25 12:51	02/21/25 15:10	SW7471B	
7440-02-0	Nickel	8.88		1	0.097	2.15	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-09-7	Potassium	1670	N	1	30.8	107	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7782-49-2	Selenium	1.07	U	1	0.35	1.07	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-22-4	Silver	0.34	J	1	0.056	0.54	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-23-5	Sodium	8410		1	38.8	107	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-28-0	Thallium	2.15	U	1	0.47	2.15	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-62-2	Vanadium	17.5		1	0.29	2.15	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	SW3050
7440-66-6	Zinc	1450		1	0.12	2.15	mg/Kg	02/19/25 15:55	02/20/25 18:19	SW6010	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