

Report of Analysis

Client:	PSEG	Date Collected:	02/19/25
Project:	Palisades Electric HQ	Date Received:	02/19/25
Client Sample ID:	SOIL-COMP	SDG No.:	Q1393
Lab Sample ID:	Q1393-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3570		1	2.34	4.86	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-36-0	Antimony	2.43	UN	1	0.15	2.43	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-38-2	Arsenic	2.96		1	0.28	0.97	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-39-3	Barium	18.9	N	1	0.62	4.86	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-41-7	Beryllium	0.28	J	1	0.012	0.29	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-43-9	Cadmium	0.80		1	0.016	0.29	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-70-2	Calcium	6310		1	2.72	97.1	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-47-3	Chromium	8.14		1	0.052	0.49	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-48-4	Cobalt	5.39		1	0.056	1.46	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-50-8	Copper	12.8		1	0.46	0.97	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7439-89-6	Iron	11000		1	2.61	4.86	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7439-92-1	Lead	6.46		1	0.15	0.58	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7439-95-4	Magnesium	3760		1	3.33	97.1	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7439-96-5	Manganese	185		1	0.069	0.97	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7439-97-6	Mercury	0.015	U	1	0.0060	0.015	mg/Kg	02/21/25 12:51	02/21/25 15:08	SW7471B	
7440-02-0	Nickel	10.2		1	0.087	1.94	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-09-7	Potassium	639	N	1	27.9	97.1	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7782-49-2	Selenium	0.97	U	1	0.32	0.97	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-22-4	Silver	0.13	J	1	0.051	0.49	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-23-5	Sodium	1270		1	35.1	97.1	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-28-0	Thallium	1.94	U	1	0.43	1.94	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-62-2	Vanadium	14.9		1	0.26	1.94	mg/Kg	02/19/25 15:55	02/20/25 18:15	SW6010	SW3050
7440-66-6	Zinc	24.9		1	0.11	1.94	mg/Kg	02/19/25 15:55	02/20/25 18:15	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