

Report of Analysis

Client:	PSEG	Date Collected:	11/04/24
Project:	Market Street Substation	Date Received:	11/04/24
Client Sample ID:	TP-1	SDG No.:	P4697
Lab Sample ID:	P4697-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8180		1	2.42	5.01	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-36-0	Antimony	0.15	U	1	0.15	2.51	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-38-2	Arsenic	1.10		1	0.29	1.00	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-39-3	Barium	91.2		1	0.64	5.01	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-41-7	Beryllium	0.67		1	0.012	0.30	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-43-9	Cadmium	1.97		1	0.016	0.30	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-70-2	Calcium	884		1	2.81	100	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-47-3	Chromium	13.9		1	0.054	0.50	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-48-4	Cobalt	8.69		1	0.058	1.50	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-50-8	Copper	18.9		1	0.47	1.00	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7439-89-6	Iron	16100		1	2.70	5.01	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7439-92-1	Lead	10.1		1	0.15	0.60	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7439-95-4	Magnesium	4210		1	3.44	100	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7439-96-5	Manganese	439		1	0.071	1.00	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7439-97-6	Mercury	0.014	J	1	0.0070	0.015	mg/Kg	11/05/24 16:51	11/06/24 11:49	SW7471B	
7440-02-0	Nickel	17.6		1	0.090	2.00	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-09-7	Potassium	1490		1	28.8	100	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7782-49-2	Selenium	0.33	U	1	0.33	1.00	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-22-4	Silver	0.28	J	1	0.052	0.50	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-23-5	Sodium	273		1	36.2	100	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-28-0	Thallium	0.44	U	1	0.44	2.00	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-62-2	Vanadium	19.6		1	0.27	2.00	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050
7440-66-6	Zinc	46.6		1	0.11	2.00	mg/Kg	11/06/24 10:00	11/07/24 22:30	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	Bayshore			

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