

Report of Analysis

Client:	PSEG	Date Collected:	11/08/24
Project:	Saddle Brook Substation	Date Received:	11/08/24
Client Sample ID:	TP-3	SDG No.:	P4796
Lab Sample ID:	P4796-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6810		1	2.35	4.88	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-36-0	Antimony	0.26	J	1	0.15	2.44	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-38-2	Arsenic	1.74		1	0.28	0.98	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-39-3	Barium	24.5		1	0.62	4.88	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-41-7	Beryllium	0.33		1	0.012	0.29	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-43-9	Cadmium	2.20		1	0.016	0.29	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-70-2	Calcium	18100		1	2.73	97.5	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-47-3	Chromium	7.15		1	0.053	0.49	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-48-4	Cobalt	9.45		1	0.057	1.46	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-50-8	Copper	26.0		1	0.46	0.98	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7439-89-6	Iron	14900		1	2.62	4.88	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7439-92-1	Lead	10.3		1	0.15	0.59	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7439-95-4	Magnesium	11000		1	3.35	97.5	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7439-96-5	Manganese	184		1	0.069	0.98	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7439-97-6	Mercury	0.016		1	0.0060	0.014	mg/Kg	11/11/24 16:40	11/12/24 12:25	SW7471B	
7440-02-0	Nickel	9.84		1	0.088	1.95	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-09-7	Potassium	726		1	28.0	97.5	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	0.98	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-22-4	Silver	0.68		1	0.051	0.49	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-23-5	Sodium	579		1	35.2	97.5	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-28-0	Thallium	0.43	U	1	0.43	1.95	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-62-2	Vanadium	25.8		1	0.26	1.95	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050
7440-66-6	Zinc	32.5		1	0.11	1.95	mg/Kg	11/09/24 13:00	11/13/24 18:52	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
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