

Report of Analysis

Client:	PSEG	Date Collected:	11/08/24
Project:	Saddle Brook Substation	Date Received:	11/08/24
Client Sample ID:	TP-4	SDG No.:	P4796
Lab Sample ID:	P4796-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3790		1	2.34	4.85	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-36-0	Antimony	0.33	J	1	0.14	2.42	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-38-2	Arsenic	3.84		1	0.28	0.97	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-39-3	Barium	20.7		1	0.62	4.85	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-41-7	Beryllium	0.45		1	0.012	0.29	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-43-9	Cadmium	2.11		1	0.016	0.29	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-70-2	Calcium	77300		1	2.71	96.9	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-47-3	Chromium	6.39		1	0.052	0.49	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-48-4	Cobalt	4.94		1	0.056	1.45	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-50-8	Copper	6.92		1	0.46	0.97	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7439-89-6	Iron	10300		1	2.61	4.85	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7439-92-1	Lead	7.57		1	0.14	0.58	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7439-95-4	Magnesium	47400		1	3.33	96.9	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7439-96-5	Manganese	284		1	0.069	0.97	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7439-97-6	Mercury	0.011	J	1	0.0060	0.014	mg/Kg	11/11/24 16:40	11/12/24 12:27	SW7471B	
7440-02-0	Nickel	8.40		1	0.087	1.94	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-09-7	Potassium	1220		1	27.8	96.9	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	0.97	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-22-4	Silver	0.37	J	1	0.050	0.49	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-23-5	Sodium	266		1	35.0	96.9	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-28-0	Thallium	0.43	U	1	0.43	1.94	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-62-2	Vanadium	12.4		1	0.26	1.94	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050
7440-66-6	Zinc	35.3		1	0.11	1.94	mg/Kg	11/09/24 13:00	11/13/24 18:57	SW6010	SW3050

Color Before:	Light 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