

Report of Analysis

Client:	PSEG	Date Collected:	11/11/24
Project:	Saddle Brook Substation	Date Received:	11/11/24
Client Sample ID:	RB24008	SDG No.:	P4811
Lab Sample ID:	P4811-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	76.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6420		1	2.69	5.59	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-36-0	Antimony	0.17	UN	1	0.17	2.79	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-38-2	Arsenic	2.15		1	0.32	1.12	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-39-3	Barium	36.8		1	0.72	5.59	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-41-7	Beryllium	0.67	N	1	0.013	0.34	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-43-9	Cadmium	1.41	*	1	0.018	0.34	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-70-2	Calcium	11300		1	3.13	112	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-47-3	Chromium	15.4	N	1	0.060	0.56	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-48-4	Cobalt	6.66		1	0.065	1.68	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-50-8	Copper	20.6		1	0.53	1.12	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7439-89-6	Iron	10200		1	3.01	5.59	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7439-92-1	Lead	34.6		1	0.17	0.67	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7439-95-4	Magnesium	6430		1	3.83	112	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7439-96-5	Manganese	165		1	0.079	1.12	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7439-97-6	Mercury	0.039		1	0.0080	0.017	mg/Kg	11/13/24 11:14	11/13/24 13:10	SW7471B	
7440-02-0	Nickel	11.8		1	0.10	2.23	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-09-7	Potassium	821		1	32.1	112	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7782-49-2	Selenium	0.37	UN	1	0.37	1.12	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-22-4	Silver	0.53	J*	1	0.058	0.56	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-23-5	Sodium	367		1	40.3	112	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-28-0	Thallium	0.49	UN	1	0.49	2.23	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-62-2	Vanadium	22.2	N	1	0.30	2.23	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050
7440-66-6	Zinc	185		1	0.12	2.23	mg/Kg	11/12/24 10:20	11/13/24 18:13	SW6010	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellowish Green	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