

Report of Analysis

Client:	PSEG	Date Collected:	11/08/24
Project:	Saddle Brook Substation	Date Received:	11/08/24
Client Sample ID:	TP-1	SDG No.:	P4796
Lab Sample ID:	P4796-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5470		1	2.26	4.68	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-36-0	Antimony	0.14	J	1	0.14	2.34	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-38-2	Arsenic	1.25		1	0.27	0.94	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-39-3	Barium	34.9		1	0.60	4.68	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-41-7	Beryllium	0.29		1	0.011	0.28	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-43-9	Cadmium	1.41		1	0.015	0.28	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-70-2	Calcium	13800		1	2.62	93.7	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-47-3	Chromium	8.95		1	0.051	0.47	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-48-4	Cobalt	7.02		1	0.054	1.40	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-50-8	Copper	22.3		1	0.44	0.94	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7439-89-6	Iron	11000		1	2.52	4.68	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7439-92-1	Lead	8.96		1	0.14	0.56	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7439-95-4	Magnesium	8650		1	3.21	93.7	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7439-96-5	Manganese	142		1	0.067	0.94	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7439-97-6	Mercury	0.016		1	0.0060	0.014	mg/Kg	11/11/24 16:40	11/12/24 12:20	SW7471B	
7440-02-0	Nickel	9.35		1	0.084	1.87	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-09-7	Potassium	1100		1	26.9	93.7	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	0.94	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-22-4	Silver	0.57		1	0.049	0.47	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-23-5	Sodium	404		1	33.8	93.7	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-28-0	Thallium	0.41	U	1	0.41	1.87	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-62-2	Vanadium	19.8		1	0.25	1.87	mg/Kg	11/09/24 13:00	11/13/24 18:05	SW6010	SW3050
7440-66-6	Zinc	27.6		1	0.10	1.87	mg/Kg	11/09/24 13:00	11/13/24 18:05	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