

Report of Analysis

Client:	PSEG	Date Collected:	11/08/24
Project:	Saddle Brook Substation	Date Received:	11/08/24
Client Sample ID:	TP-2	SDG No.:	P4796
Lab Sample ID:	P4796-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7040		1	2.28	4.74	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-36-0	Antimony	2.55		1	0.14	2.37	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-38-2	Arsenic	3.10		1	0.28	0.95	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-39-3	Barium	70.6		1	0.61	4.74	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-41-7	Beryllium	0.61		1	0.011	0.28	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-43-9	Cadmium	0.015	U	1	0.015	0.28	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-70-2	Calcium	48100	D	10	26.5	948	mg/Kg	11/09/24 13:00	11/13/24 18:36	SW6010	SW3050
7440-47-3	Chromium	12.0		1	0.051	0.47	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-48-4	Cobalt	9.69		1	0.055	1.42	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-50-8	Copper	2.50		1	0.45	0.95	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7439-89-6	Iron	37000		1	2.55	4.74	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7439-92-1	Lead	8.05		1	0.14	0.57	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7439-95-4	Magnesium	40500		1	3.25	94.8	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7439-96-5	Manganese	385		1	0.067	0.95	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7439-97-6	Mercury	0.0060	J	1	0.0060	0.014	mg/Kg	11/11/24 16:40	11/12/24 12:23	SW7471B	
7440-02-0	Nickel	11.8		1	0.085	1.90	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-09-7	Potassium	4440		1	27.2	94.8	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7782-49-2	Selenium	2.00		1	0.31	0.95	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-22-4	Silver	2.98		1	0.049	0.47	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-23-5	Sodium	1480		1	34.2	94.8	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-28-0	Thallium	0.42	U	1	0.42	1.90	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-62-2	Vanadium	30.6		1	0.26	1.90	mg/Kg	11/09/24 13:00	11/13/24 18:09	SW6010	SW3050
7440-66-6	Zinc	40.5		1	0.10	1.90	mg/Kg	11/09/24 13:00	11/13/24 18:09	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