

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Bergen Point Substation	Date Received:	05/20/25
Client Sample ID:	VNJ-202	SDG No.:	Q2092
Lab Sample ID:	Q2092-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5430		1	0.79	4.67	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-36-0	Antimony	2.34	U	1	0.21	2.34	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-38-2	Arsenic	3.94		1	0.18	0.93	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-39-3	Barium	39.1		1	0.68	4.67	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-41-7	Beryllium	0.65		1	0.023	0.28	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-43-9	Cadmium	0.71		1	0.022	0.28	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-70-2	Calcium	835		1	10.4	93.4	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-47-3	Chromium	11.4		1	0.044	0.47	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-48-4	Cobalt	6.76		1	0.093	1.40	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-50-8	Copper	17.8		1	0.21	0.93	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7439-89-6	Iron	12200		1	3.73	4.67	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7439-92-1	Lead	15.1		1	0.12	0.56	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7439-95-4	Magnesium	2900		1	11.2	93.4	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7439-96-5	Manganese	276		1	0.13	0.93	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	05/23/25 09:50	05/23/25 13:08	7471B	
7440-02-0	Nickel	14.5		1	0.12	1.87	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-09-7	Potassium	1200		1	25.9	93.4	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7782-49-2	Selenium	0.93	U	1	0.24	0.93	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-22-4	Silver	0.47	U	1	0.11	0.47	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-23-5	Sodium	63.7	J	1	16.6	93.4	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-28-0	Thallium	1.87	U	1	0.22	1.87	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-62-2	Vanadium	15.1		1	0.23	1.87	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050
7440-66-6	Zinc	71.4		1	0.22	1.87	mg/Kg	05/21/25 10:30	05/23/25 16:53	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Full Waste Classification			

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