

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Waldwick Substation	Date Received:	05/20/25
Client Sample ID:	VNJ-244	SDG No.:	Q2097
Lab Sample ID:	Q2097-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5760		1	0.79	4.73	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-36-0	Antimony	2.36	U	1	0.21	2.36	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-38-2	Arsenic	2.24		1	0.18	0.95	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-39-3	Barium	31.0		1	0.69	4.73	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-41-7	Beryllium	0.46		1	0.024	0.28	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-43-9	Cadmium	0.52		1	0.023	0.28	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-70-2	Calcium	1440		1	10.5	94.5	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-47-3	Chromium	13.0		1	0.044	0.47	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-48-4	Cobalt	7.12		1	0.095	1.42	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-50-8	Copper	16.6		1	0.21	0.95	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7439-89-6	Iron	14800		1	3.77	4.73	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7439-92-1	Lead	3.97		1	0.12	0.57	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7439-95-4	Magnesium	2350		1	11.3	94.5	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7439-96-5	Manganese	203		1	0.13	0.95	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.015	mg/Kg	05/23/25 09:50	05/23/25 13:24	7471B	
7440-02-0	Nickel	12.1		1	0.12	1.89	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-09-7	Potassium	320		1	26.2	94.5	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7782-49-2	Selenium	0.95	U	1	0.25	0.95	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-22-4	Silver	0.47	U	1	0.11	0.47	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-23-5	Sodium	98.7		1	16.8	94.5	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-28-0	Thallium	1.89	U	1	0.22	1.89	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-62-2	Vanadium	22.6		1	0.24	1.89	mg/Kg	05/21/25 10:30	05/23/25 17:51	6010D	SW3050
7440-66-6	Zinc	62.7		1	0.22	1.89	mg/Kg	05/21/25 10:30	05/23/25 17:51	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