

Report of Analysis

Client:	PSEG	Date Collected:	05/08/25
Project:	Waldwick Substation	Date Received:	05/08/25
Client Sample ID:	VNJ-218	SDG No.:	Q1986
Lab Sample ID:	Q1986-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5980		1	0.81	4.80	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-36-0	Antimony	2.40	UN	1	0.21	2.40	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-38-2	Arsenic	1.30	N	1	0.18	0.96	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-39-3	Barium	23.7		1	0.70	4.80	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-41-7	Beryllium	0.37	N	1	0.024	0.29	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-43-9	Cadmium	0.29	U	1	0.023	0.29	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-70-2	Calcium	1970	N	1	10.7	96.1	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-47-3	Chromium	13.1	N	1	0.045	0.48	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-48-4	Cobalt	7.00		1	0.096	1.44	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-50-8	Copper	19.5	N	1	0.21	0.96	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7439-89-6	Iron	12100		1	3.83	4.80	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7439-92-1	Lead	3.03		1	0.13	0.58	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7439-95-4	Magnesium	2560	N	1	11.5	96.1	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7439-96-5	Manganese	247		1	0.14	0.96	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7439-97-6	Mercury	0.20		1	0.0070	0.013	mg/Kg	05/09/25 12:01	05/12/25 12:07	7471B	
7440-02-0	Nickel	11.1		1	0.13	1.92	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-09-7	Potassium	279	N	1	26.6	96.1	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7782-49-2	Selenium	0.96	UN	1	0.25	0.96	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-22-4	Silver	0.48	UN	1	0.12	0.48	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-23-5	Sodium	121	N	1	17.1	96.1	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-28-0	Thallium	1.92	U	1	0.22	1.92	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-62-2	Vanadium	22.2	N	1	0.24	1.92	mg/Kg	05/09/25 10:05	05/13/25 20:27	6010D	SW3050
7440-66-6	Zinc	22.2	N	1	0.22	1.92	mg/Kg	05/09/25 10:05	05/13/25 20:27	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