

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Waldwick Substation	Date Received:	05/20/25
Client Sample ID:	RBR251675	SDG No.:	Q2097
Lab Sample ID:	Q2097-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5180		1	0.75	4.48	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-36-0	Antimony	2.24	U	1	0.20	2.24	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-38-2	Arsenic	1.96		1	0.17	0.90	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-39-3	Barium	34.8		1	0.65	4.48	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-41-7	Beryllium	0.40		1	0.022	0.27	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-43-9	Cadmium	0.49		1	0.021	0.27	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-70-2	Calcium	1410		1	9.94	89.5	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-47-3	Chromium	14.1		1	0.042	0.45	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-48-4	Cobalt	6.39		1	0.090	1.34	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-50-8	Copper	15.2		1	0.20	0.90	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7439-89-6	Iron	12100		1	3.57	4.48	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7439-92-1	Lead	3.49		1	0.12	0.54	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7439-95-4	Magnesium	2430		1	10.7	89.5	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7439-96-5	Manganese	171		1	0.13	0.90	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	05/23/25 09:50	05/23/25 13:22	7471B	
7440-02-0	Nickel	11.6		1	0.12	1.79	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-09-7	Potassium	283		1	24.8	89.5	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7782-49-2	Selenium	0.90	U	1	0.23	0.90	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-22-4	Silver	0.45	U	1	0.11	0.45	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-23-5	Sodium	81.0	J	1	15.9	89.5	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-28-0	Thallium	1.79	U	1	0.21	1.79	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-62-2	Vanadium	19.2		1	0.22	1.79	mg/Kg	05/21/25 10:30	05/23/25 17:18	6010D	SW3050
7440-66-6	Zinc	95.7		1	0.21	1.79	mg/Kg	05/21/25 10:30	05/23/25 17:18	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