

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Waldwick Substation	Date Received:	05/20/25
Client Sample ID:	RBR251372	SDG No.:	Q2097
Lab Sample ID:	Q2097-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4540		1	0.73	4.36	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-36-0	Antimony	2.18	U	1	0.19	2.18	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-38-2	Arsenic	1.81		1	0.17	0.87	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-39-3	Barium	23.2		1	0.64	4.36	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-41-7	Beryllium	0.36		1	0.022	0.26	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-43-9	Cadmium	0.39		1	0.021	0.26	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-70-2	Calcium	1450		1	9.67	87.1	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-47-3	Chromium	10.5		1	0.041	0.44	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-48-4	Cobalt	5.39		1	0.087	1.31	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-50-8	Copper	14.8		1	0.19	0.87	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7439-89-6	Iron	11400		1	3.48	4.36	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7439-92-1	Lead	3.56		1	0.11	0.52	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7439-95-4	Magnesium	1960		1	10.4	87.1	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7439-96-5	Manganese	168		1	0.12	0.87	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	05/23/25 09:50	05/23/25 13:35	7471B	
7440-02-0	Nickel	9.13		1	0.11	1.74	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-09-7	Potassium	293		1	24.1	87.1	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7782-49-2	Selenium	0.87	U	1	0.23	0.87	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-22-4	Silver	0.44	U	1	0.11	0.44	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-23-5	Sodium	84.1	J	1	15.5	87.1	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-28-0	Thallium	1.74	U	1	0.20	1.74	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-62-2	Vanadium	18.0		1	0.22	1.74	mg/Kg	05/21/25 10:30	05/23/25 17:39	6010D	SW3050
7440-66-6	Zinc	32.2		1	0.20	1.74	mg/Kg	05/21/25 10:30	05/23/25 17:39	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