

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Waldwick Substation	Date Received:	05/20/25
Client Sample ID:	RBR200044	SDG No.:	Q2097
Lab Sample ID:	Q2097-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5580		1	0.83	4.92	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-36-0	Antimony	2.46	U	1	0.22	2.46	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-38-2	Arsenic	1.68		1	0.19	0.99	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-39-3	Barium	27.9		1	0.72	4.92	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-41-7	Beryllium	0.44		1	0.025	0.30	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-43-9	Cadmium	0.54		1	0.024	0.30	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-70-2	Calcium	1370		1	10.9	98.5	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-47-3	Chromium	14.4		1	0.046	0.49	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-48-4	Cobalt	7.44		1	0.098	1.48	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-50-8	Copper	18.6		1	0.22	0.99	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7439-89-6	Iron	15500		1	3.93	4.92	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7439-92-1	Lead	3.44		1	0.13	0.59	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7439-95-4	Magnesium	2170		1	11.8	98.5	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7439-96-5	Manganese	287		1	0.14	0.99	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7439-97-6	Mercury	0.012	J	1	0.0090	0.015	mg/Kg	05/23/25 09:50	05/23/25 13:19	7471B	
7440-02-0	Nickel	12.8		1	0.13	1.97	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-09-7	Potassium	297		1	27.3	98.5	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7782-49-2	Selenium	0.99	U	1	0.26	0.99	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-22-4	Silver	0.49	U	1	0.12	0.49	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-23-5	Sodium	91.8	J	1	17.5	98.5	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-28-0	Thallium	1.97	U	1	0.23	1.97	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-62-2	Vanadium	23.9		1	0.25	1.97	mg/Kg	05/21/25 10:30	05/23/25 17:14	6010D	SW3050
7440-66-6	Zinc	114		1	0.23	1.97	mg/Kg	05/21/25 10:30	05/23/25 17:14	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