

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Waldwick Substation	Date Received:	05/20/25
Client Sample ID:	ETGI-357	SDG No.:	Q2097
Lab Sample ID:	Q2097-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5870		1	0.83	4.93	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-36-0	Antimony	2.46	U	1	0.22	2.46	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-38-2	Arsenic	1.73		1	0.19	0.99	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-39-3	Barium	25.1		1	0.72	4.93	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-41-7	Beryllium	0.55		1	0.025	0.30	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-43-9	Cadmium	0.60		1	0.024	0.30	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-70-2	Calcium	1510		1	10.9	98.5	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-47-3	Chromium	13.7		1	0.046	0.49	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-48-4	Cobalt	7.00		1	0.099	1.48	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-50-8	Copper	18.2		1	0.22	0.99	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7439-89-6	Iron	13400		1	3.93	4.93	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7439-92-1	Lead	3.57		1	0.13	0.59	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7439-95-4	Magnesium	2240		1	11.8	98.5	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7439-96-5	Manganese	206		1	0.14	0.99	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7439-97-6	Mercury	0.013	U	1	0.0070	0.013	mg/Kg	05/23/25 09:50	05/23/25 13:17	7471B	
7440-02-0	Nickel	11.7		1	0.13	1.97	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-09-7	Potassium	305		1	27.3	98.5	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7782-49-2	Selenium	0.99	U	1	0.26	0.99	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-22-4	Silver	0.49	U	1	0.12	0.49	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-23-5	Sodium	100		1	17.5	98.5	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-28-0	Thallium	1.97	U	1	0.23	1.97	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-62-2	Vanadium	23.1		1	0.25	1.97	mg/Kg	05/21/25 10:30	05/23/25 17:10	6010D	SW3050
7440-66-6	Zinc	77.7		1	0.23	1.97	mg/Kg	05/21/25 10:30	05/23/25 17:10	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