

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Waldwick Substation	Date Received:	05/20/25
Client Sample ID:	RT-3888	SDG No.:	Q2097
Lab Sample ID:	Q2097-17	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5040		1	0.86	5.11	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-36-0	Antimony	2.55	U	1	0.23	2.55	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-38-2	Arsenic	2.05		1	0.19	1.02	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-39-3	Barium	22.9		1	0.75	5.11	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-41-7	Beryllium	0.50		1	0.026	0.31	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-43-9	Cadmium	1.20		1	0.025	0.31	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-70-2	Calcium	3620		1	11.3	102	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-47-3	Chromium	19.0		1	0.048	0.51	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-48-4	Cobalt	11.1		1	0.10	1.53	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-50-8	Copper	46.6		1	0.23	1.02	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7439-89-6	Iron	13800		1	4.08	5.11	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7439-92-1	Lead	3.43		1	0.13	0.61	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7439-95-4	Magnesium	3920		1	12.3	102	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7439-96-5	Manganese	109		1	0.14	1.02	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7439-97-6	Mercury	0.013	U	1	0.0080	0.013	mg/Kg	05/23/25 09:50	05/23/25 13:40	7471B	
7440-02-0	Nickel	18.5		1	0.13	2.04	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-09-7	Potassium	1810		1	28.3	102	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7782-49-2	Selenium	1.02	U	1	0.27	1.02	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-22-4	Silver	0.51	U	1	0.12	0.51	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-23-5	Sodium	121		1	18.2	102	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-28-0	Thallium	2.04	U	1	0.24	2.04	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-62-2	Vanadium	17.8		1	0.26	2.04	mg/Kg	05/21/25 10:30	05/23/25 17:47	6010D	SW3050
7440-66-6	Zinc	19.4		1	0.24	2.04	mg/Kg	05/21/25 10:30	05/23/25 17:47	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