

Report of Analysis

Client:	PSEG	Date Collected:	05/08/25
Project:	Waldwick Substation	Date Received:	05/08/25
Client Sample ID:	COMP-8	SDG No.:	Q1986
Lab Sample ID:	Q1986-01	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	6400		1	0.83	4.94	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-36-0	Antimony	2.47	UN	1	0.22	2.47	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-38-2	Arsenic	1.90	N	1	0.19	0.99	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-39-3	Barium	28.2		1	0.72	4.94	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-41-7	Beryllium	0.40	N	1	0.025	0.30	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-43-9	Cadmium	0.30	U	1	0.024	0.30	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-70-2	Calcium	2050	N	1	11.0	98.9	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-47-3	Chromium	14.9	N	1	0.046	0.49	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-48-4	Cobalt	7.01		1	0.099	1.48	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-50-8	Copper	17.6	N	1	0.22	0.99	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7439-89-6	Iron	13300		1	3.94	4.94	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7439-92-1	Lead	3.21		1	0.13	0.59	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7439-95-4	Magnesium	3020	N	1	11.9	98.9	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7439-96-5	Manganese	251		1	0.14	0.99	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7439-97-6	Mercury	0.016		1	0.0080	0.014	mg/Kg	05/09/25 12:01	05/12/25 11:56	7471B	
7440-02-0	Nickel	12.4		1	0.13	1.98	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-09-7	Potassium	469	N	1	27.4	98.9	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7782-49-2	Selenium	0.99	UN	1	0.26	0.99	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-22-4	Silver	0.14	JN	1	0.12	0.49	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-23-5	Sodium	72.8	JN	1	17.6	98.9	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-28-0	Thallium	1.98	U	1	0.23	1.98	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-62-2	Vanadium	24.2	N	1	0.25	1.98	mg/Kg	05/09/25 10:05	05/13/25 20:02	6010D	SW3050
7440-66-6	Zinc	35.8	N	1	0.23	1.98	mg/Kg	05/09/25 10:05	05/13/25 20:02	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