

Report of Analysis

Client:	PSEG	Date Collected:	08/29/25
Project:	Waverly Substation	Date Received:	08/29/25
Client Sample ID:	CONTAINMENT-C	SDG No.:	Q2996
Lab Sample ID:	Q2996-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	579		1	0.76	4.50	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-36-0	Antimony	2.25	UN	1	0.20	2.25	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-38-2	Arsenic	0.60	J*	1	0.17	0.90	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-39-3	Barium	0.88	JN	1	0.66	4.50	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-41-7	Beryllium	0.17	J	1	0.023	0.27	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-43-9	Cadmium	0.40		1	0.022	0.27	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-70-2	Calcium	2750		1	10.0	90.1	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-47-3	Chromium	2.10		1	0.042	0.45	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-48-4	Cobalt	4.67		1	0.090	1.35	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-50-8	Copper	9.76	N*	1	0.20	0.90	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7439-89-6	Iron	10400		1	3.59	4.50	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7439-92-1	Lead	3.33	N*	1	0.12	0.54	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7439-95-4	Magnesium	622	*	1	10.8	90.1	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7439-96-5	Manganese	55.6		1	0.13	0.90	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7439-97-6	Mercury	0.013	UN	1	0.0070	0.013	mg/Kg	09/03/25 09:15	09/03/25 14:09	7471B	
7440-02-0	Nickel	3.35		1	0.12	1.80	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-09-7	Potassium	271	N	1	25.0	90.1	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7782-49-2	Selenium	0.90	U	1	0.23	0.90	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-22-4	Silver	0.31	J	1	0.11	0.45	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-23-5	Sodium	53.7	JN	1	16.0	90.1	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-28-0	Thallium	1.80	U	1	0.21	1.80	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-62-2	Vanadium	75.6		1	0.23	1.80	mg/Kg	09/02/25 10:35	09/02/25 17:19	6010D	SW3050
7440-66-6	Zinc	8.84		1	0.21	1.80	mg/Kg	09/02/25 10:35	09/02/25 17:19	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