

Report of Analysis

Client:	PSEG	Date Collected:	08/22/25
Project:	North Ave Substation	Date Received:	08/22/25
Client Sample ID:	235	SDG No.:	Q2947
Lab Sample ID:	Q2947-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	98

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10800		1	0.73	4.32	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	2.16	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-38-2	Arsenic	5.51		1	0.16	0.87	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-39-3	Barium	85.6		1	0.63	4.32	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-41-7	Beryllium	0.92		1	0.022	0.26	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-43-9	Cadmium	1.12		1	0.021	0.26	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-70-2	Calcium	3300	*	1	9.60	86.5	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-47-3	Chromium	42.5	N*	1	0.041	0.43	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-48-4	Cobalt	7.93	*	1	0.086	1.30	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-50-8	Copper	39.3	N*	1	0.19	0.87	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7439-89-6	Iron	16900		1	3.45	4.32	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7439-92-1	Lead	55.8	N*	1	0.11	0.52	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7439-95-4	Magnesium	1350		1	10.4	86.5	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7439-96-5	Manganese	178	*	1	0.12	0.87	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7439-97-6	Mercury	0.051		1	0.0070	0.013	mg/Kg	08/25/25 15:50	08/26/25 10:34	7471B	
7440-02-0	Nickel	44.7	N*	1	0.11	1.73	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-09-7	Potassium	335		1	24.0	86.5	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7782-49-2	Selenium	0.23	U	1	0.23	0.87	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-22-4	Silver	0.27	J	1	0.10	0.43	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-23-5	Sodium	107		1	15.4	86.5	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-28-0	Thallium	0.20	U	1	0.20	1.73	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-62-2	Vanadium	21.8		1	0.22	1.73	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050
7440-66-6	Zinc	141	*	1	0.20	1.73	mg/Kg	08/25/25 10:05	08/26/25 13:10	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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