

Report of Analysis

Client:	PSEG	Date Collected:	08/22/25
Project:	Branchburg Switch	Date Received:	08/22/25
Client Sample ID:	367	SDG No.:	Q2949
Lab Sample ID:	Q2949-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	99.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1700		1	0.70	4.18	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-36-0	Antimony	0.18	UN	1	0.18	2.09	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-38-2	Arsenic	0.40	J	1	0.16	0.84	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-39-3	Barium	5.03		1	0.61	4.18	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-41-7	Beryllium	0.069	J	1	0.021	0.25	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-43-9	Cadmium	0.038	J	1	0.020	0.25	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-70-2	Calcium	1670	*	1	9.28	83.6	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-47-3	Chromium	4.72	N*	1	0.039	0.42	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-48-4	Cobalt	0.90	J*	1	0.084	1.25	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-50-8	Copper	8.48	N*	1	0.18	0.84	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7439-89-6	Iron	2300		1	3.33	4.18	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7439-92-1	Lead	1.29	N*	1	0.11	0.50	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7439-95-4	Magnesium	639		1	10.0	83.6	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7439-96-5	Manganese	20.4	*	1	0.12	0.84	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.014	mg/Kg	08/25/25 15:50	08/26/25 10:50	7471B	
7440-02-0	Nickel	2.02	N*	1	0.11	1.67	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-09-7	Potassium	98.8		1	23.1	83.6	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7782-49-2	Selenium	0.22	U	1	0.22	0.84	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-22-4	Silver	0.11	J	1	0.10	0.42	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-23-5	Sodium	172		1	14.9	83.6	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-28-0	Thallium	0.19	U	1	0.19	1.67	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-62-2	Vanadium	3.92		1	0.21	1.67	mg/Kg	08/25/25 10:05	08/26/25 13:43	6010D	SW3050
7440-66-6	Zinc	5.77	*	1	0.19	1.67	mg/Kg	08/25/25 10:05	08/26/25 13:43	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