

Report of Analysis

Client:	PSEG	Date Collected:	03/26/25
Project:	Bridgewater Switch	Date Received:	03/26/25
Client Sample ID:	VNJ239	SDG No.:	Q1656
Lab Sample ID:	Q1656-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8510		1	2.53	5.24	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-36-0	Antimony	0.16	UN	1	0.16	2.62	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-38-2	Arsenic	3.19		1	0.30	1.05	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-39-3	Barium	62.0		1	0.67	5.24	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-41-7	Beryllium	0.58		1	0.013	0.32	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-43-9	Cadmium	0.066	J	1	0.017	0.32	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-70-2	Calcium	4040	*	1	2.94	105	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-47-3	Chromium	19.3		1	0.057	0.52	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-48-4	Cobalt	10.9		1	0.061	1.57	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-50-8	Copper	27.3	N	1	0.49	1.05	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7439-89-6	Iron	18700		1	2.82	5.24	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7439-92-1	Lead	34.6		1	0.16	0.63	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7439-95-4	Magnesium	4070		1	3.60	105	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7439-96-5	Manganese	471		1	0.074	1.05	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7439-97-6	Mercury	0.050		1	0.0080	0.014	mg/Kg	03/26/25 11:52	03/27/25 16:21	SW7471B	
7440-02-0	Nickel	20.5		1	0.094	2.10	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-09-7	Potassium	846		1	30.1	105	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7782-49-2	Selenium	0.35	U	1	0.35	1.05	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-22-4	Silver	0.37	J	1	0.055	0.52	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-23-5	Sodium	332	N	1	37.8	105	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-28-0	Thallium	0.46	U	1	0.46	2.10	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-62-2	Vanadium	23.6		1	0.28	2.10	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	SW3050
7440-66-6	Zinc	72.0	N	1	0.12	2.10	mg/Kg	03/27/25 09:55	03/27/25 12:55	SW6010	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