

Report of Analysis

Client:	PSEG	Date Collected:	06/20/25
Project:	Bridgewater Switch	Date Received:	06/20/25
Client Sample ID:	72-11929	SDG No.:	Q2381
Lab Sample ID:	Q2381-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8970		1	0.79	4.67	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-36-0	Antimony	1.74	JN	1	0.21	2.34	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-38-2	Arsenic	4.87		1	0.18	0.93	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-39-3	Barium	29.4		1	0.68	4.67	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-41-7	Beryllium	0.64		1	0.023	0.28	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-43-9	Cadmium	0.022	U	1	0.022	0.28	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-70-2	Calcium	563		1	10.4	93.4	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-47-3	Chromium	18.5		1	0.044	0.47	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-48-4	Cobalt	6.74		1	0.093	1.40	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-50-8	Copper	19.1	N	1	0.21	0.93	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7439-89-6	Iron	17900		1	3.73	4.67	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7439-92-1	Lead	47.2		1	0.12	0.56	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7439-95-4	Magnesium	1180		1	11.2	93.4	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7439-96-5	Manganese	145		1	0.13	0.93	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7439-97-6	Mercury	0.068		1	0.0080	0.015	mg/Kg	06/23/25 10:40	06/24/25 12:17	7471B	
7440-02-0	Nickel	11.0		1	0.12	1.87	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-09-7	Potassium	642		1	25.9	93.4	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7782-49-2	Selenium	5.89		1	0.24	0.93	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.47	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-23-5	Sodium	202		1	16.6	93.4	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.87	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-62-2	Vanadium	31.1		1	0.23	1.87	mg/Kg	06/23/25 10:20	06/24/25 21:03	6010D	SW3050
7440-66-6	Zinc	61.5		1	0.10	1.87	mg/Kg	06/23/25 10:20	06/24/25 21:03	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