

Report of Analysis

Client:	PSEG	Date Collected:	08/05/25
Project:	Bridgewater Switch	Date Received:	08/05/25
Client Sample ID:	254	SDG No.:	Q2774
Lab Sample ID:	Q2774-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11000		1	0.97	5.75	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.88	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-38-2	Arsenic	6.83		1	0.22	1.15	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-39-3	Barium	64.7		1	0.84	5.75	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-41-7	Beryllium	0.84		1	0.029	0.35	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-43-9	Cadmium	0.53		1	0.028	0.35	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-70-2	Calcium	2700		1	12.8	115	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-47-3	Chromium	33.4		1	0.054	0.57	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-48-4	Cobalt	21.0		1	0.12	1.73	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-50-8	Copper	31.9		1	0.25	1.15	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7439-89-6	Iron	25200		1	4.59	5.75	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7439-92-1	Lead	36.2		1	0.15	0.69	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7439-95-4	Magnesium	3710		1	13.8	115	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7439-96-5	Manganese	751		1	0.16	1.15	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7439-97-6	Mercury	0.091		1	0.0090	0.016	mg/Kg	08/07/25 16:30	08/08/25 12:07	7471B	
7440-02-0	Nickel	22.8		1	0.15	2.30	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-09-7	Potassium	646		1	31.9	115	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7782-49-2	Selenium	0.39	J	1	0.30	1.15	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-22-4	Silver	0.85		1	0.14	0.57	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-23-5	Sodium	244		1	20.5	115	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.30	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-62-2	Vanadium	61.7		1	0.29	2.30	mg/Kg	08/06/25 13:10	08/07/25 15:00	6010D	SW3050
7440-66-6	Zinc	71.1		1	0.27	2.30	mg/Kg	08/06/25 13:10	08/07/25 15:00	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