

Report of Analysis

Client:	PSEG	Date Collected:	08/05/25
Project:	Bridgewater Switch	Date Received:	08/05/25
Client Sample ID:	R5	SDG No.:	Q2774
Lab Sample ID:	Q2774-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	74.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11400		1	0.93	5.52	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.76	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-38-2	Arsenic	7.28		1	0.21	1.10	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-39-3	Barium	50.4		1	0.81	5.52	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-41-7	Beryllium	0.81		1	0.028	0.33	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-43-9	Cadmium	0.80		1	0.027	0.33	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-70-2	Calcium	2030		1	12.3	110	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-47-3	Chromium	54.8		1	0.052	0.55	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-48-4	Cobalt	21.6		1	0.11	1.66	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-50-8	Copper	28.6		1	0.24	1.10	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7439-89-6	Iron	23200		1	4.41	5.52	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7439-92-1	Lead	53.3		1	0.14	0.66	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7439-95-4	Magnesium	3410		1	13.3	110	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7439-96-5	Manganese	969		1	0.16	1.10	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7439-97-6	Mercury	0.80		1	0.0090	0.016	mg/Kg	08/07/25 16:30	08/08/25 11:46	7471B	
7440-02-0	Nickel	25.4		1	0.14	2.21	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-09-7	Potassium	466		1	30.6	110	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7782-49-2	Selenium	0.42	J	1	0.29	1.10	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-22-4	Silver	0.92		1	0.13	0.55	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-23-5	Sodium	164		1	19.7	110	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.21	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-62-2	Vanadium	56.6		1	0.28	2.21	mg/Kg	08/06/25 13:10	08/07/25 14:15	6010D	SW3050
7440-66-6	Zinc	70.7		1	0.25	2.21	mg/Kg	08/06/25 13:10	08/07/25 14:15	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