

Report of Analysis

Client:	PSEG	Date Collected:	06/20/25
Project:	Bridgewater Switch	Date Received:	06/20/25
Client Sample ID:	VNJ-207	SDG No.:	Q2381
Lab Sample ID:	Q2381-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5780		1	0.90	5.36	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-36-0	Antimony	4.12	N	1	0.24	2.68	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-38-2	Arsenic	10.1		1	0.20	1.07	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-39-3	Barium	82.0		1	0.78	5.36	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-41-7	Beryllium	1.12		1	0.027	0.32	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-43-9	Cadmium	1.17		1	0.026	0.32	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-70-2	Calcium	2290		1	11.9	107	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-47-3	Chromium	25.5		1	0.050	0.54	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-48-4	Cobalt	10.9		1	0.11	1.61	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-50-8	Copper	142	N	1	0.24	1.07	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7439-89-6	Iron	20300		1	4.28	5.36	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7439-92-1	Lead	425		1	0.14	0.64	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7439-95-4	Magnesium	1350		1	12.9	107	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7439-96-5	Manganese	213		1	0.15	1.07	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7439-97-6	Mercury	0.20		1	0.0090	0.016	mg/Kg	06/23/25 10:40	06/24/25 12:07	7471B	
7440-02-0	Nickel	21.9		1	0.14	2.14	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-09-7	Potassium	551		1	29.7	107	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7782-49-2	Selenium	6.33		1	0.28	1.07	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.54	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-23-5	Sodium	396		1	19.1	107	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.14	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-62-2	Vanadium	27.3		1	0.27	2.14	mg/Kg	06/23/25 10:20	06/24/25 20:58	6010D	SW3050
7440-66-6	Zinc	443		1	0.12	2.14	mg/Kg	06/23/25 10:20	06/24/25 20:58	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