

Report of Analysis

Client:	PSEG	Date Collected:	06/20/25
Project:	Bridgewater Switch	Date Received:	06/20/25
Client Sample ID:	291431	SDG No.:	Q2381
Lab Sample ID:	Q2381-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	14700	D	10	9.13	54.4	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-36-0	Antimony	2.39	UDN	10	2.39	27.2	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-38-2	Arsenic	8.56	JD	10	2.07	10.9	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-39-3	Barium	73.6	D	10	7.94	54.4	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-41-7	Beryllium	1.01	JD	10	0.27	3.26	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-43-9	Cadmium	0.26	UD	10	0.26	3.26	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-70-2	Calcium	4060	D	10	121	1090	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-47-3	Chromium	21.2	D	10	0.51	5.44	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-48-4	Cobalt	17.9	D	10	1.09	16.3	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-50-8	Copper	41.3	DN	10	2.39	10.9	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7439-89-6	Iron	28900	D	10	43.4	54.4	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7439-92-1	Lead	43.6	D	10	1.41	6.52	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7439-95-4	Magnesium	4080	D	10	130	1090	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7439-96-5	Manganese	691	D	10	1.52	10.9	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7439-97-6	Mercury	1.62	D	5	0.046	0.082	mg/Kg	06/23/25 10:40	06/24/25 13:15	7471B	
7440-02-0	Nickel	18.1	JD	10	1.41	21.7	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-09-7	Potassium	646	JD	10	301	1090	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7782-49-2	Selenium	9.41	JD	10	2.83	10.9	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-22-4	Silver	1.30	UD	10	1.30	5.44	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-23-5	Sodium	194	UD	10	194	1090	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-28-0	Thallium	2.50	UD	10	2.50	21.7	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-62-2	Vanadium	75.1	D	10	2.72	21.7	mg/Kg	06/23/25 10:20	06/26/25 18:30	6010D	SW3050
7440-66-6	Zinc	82.5	D	10	1.20	21.7	mg/Kg	06/23/25 10:20	06/26/25 18:30	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