

Report of Analysis

Client:	PSEG	Date Collected:	10/02/25
Project:	Somerset HQ	Date Received:	10/02/25
Client Sample ID:	72-11929	SDG No.:	Q3271
Lab Sample ID:	Q3271-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	14700		1	0.79	4.70	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.35	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-38-2	Arsenic	3.92		1	0.18	0.94	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-39-3	Barium	118		1	0.69	4.70	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-41-7	Beryllium	1.33		1	0.024	0.28	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-43-9	Cadmium	1.06	*	1	0.023	0.28	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-70-2	Calcium	2580		1	10.4	94.1	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-47-3	Chromium	22.9		1	0.044	0.47	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-48-4	Cobalt	18.9	N	1	0.094	1.41	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-50-8	Copper	19.7	N	1	0.21	0.94	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7439-89-6	Iron	31600		1	3.75	4.70	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7439-92-1	Lead	26.2		1	0.12	0.56	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7439-95-4	Magnesium	5950		1	11.3	94.1	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7439-96-5	Manganese	629		1	0.13	0.94	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7439-97-6	Mercury	0.023		1	0.0070	0.013	mg/Kg	10/06/25 09:25	10/06/25 15:21	7471B	
7440-02-0	Nickel	32.5		1	0.12	1.88	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-09-7	Potassium	1540		1	26.1	94.1	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7782-49-2	Selenium	0.78	J	1	0.25	0.94	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-22-4	Silver	0.87		1	0.11	0.47	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-23-5	Sodium	168		1	16.7	94.1	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.88	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-62-2	Vanadium	40.3	N	1	0.24	1.88	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050
7440-66-6	Zinc	78.0		1	0.22	1.88	mg/Kg	10/03/25 10:30	10/07/25 14:32	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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