

Report of Analysis

Client:	PSEG	Date Collected:	11/19/24
Project:	Somerset HQ	Date Received:	11/19/24
Client Sample ID:	72-11991	SDG No.:	P4923
Lab Sample ID:	P4923-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5370		1	1.99	4.13	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-36-0	Antimony	0.66	J	1	0.12	2.07	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-38-2	Arsenic	3.50		1	0.24	0.83	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-39-3	Barium	41.1		1	0.53	4.13	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-41-7	Beryllium	0.26	N	1	0.010	0.25	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-43-9	Cadmium	1.13		1	0.013	0.25	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-70-2	Calcium	79000	D	2	4.63	165	mg/Kg	11/20/24 09:30	11/21/24 17:48	SW6010	SW3050
7440-47-3	Chromium	45.6	N	1	0.045	0.41	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-48-4	Cobalt	2.70		1	0.048	1.24	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-50-8	Copper	24.7	N	1	0.39	0.83	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7439-89-6	Iron	6840		1	2.22	4.13	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7439-92-1	Lead	23.7		1	0.12	0.50	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7439-95-4	Magnesium	2450		1	2.83	82.6	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7439-96-5	Manganese	170		1	0.059	0.83	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7439-97-6	Mercury	0.0070	J	1	0.0050	0.012	mg/Kg	11/22/24 07:57	11/22/24 15:08	SW7471B	
7440-02-0	Nickel	12.6		1	0.074	1.65	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-09-7	Potassium	597	N	1	23.7	82.6	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7782-49-2	Selenium	0.83	UN	1	0.27	0.83	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-22-4	Silver	0.41	UN	1	0.043	0.41	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-23-5	Sodium	296		1	29.8	82.6	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-28-0	Thallium	1.65	U	1	0.36	1.65	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-62-2	Vanadium	15.0	N	1	0.22	1.65	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050
7440-66-6	Zinc	70.6		1	0.091	1.65	mg/Kg	11/20/24 09:30	11/21/24 15:17	SW6010	SW3050

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
Comments:	METALS-TAL			

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