

Report of Analysis

Client:	PSEG	Date Collected:	10/23/24
Project:	Bridgewater Switch	Date Received:	10/23/24
Client Sample ID:	CHVB0783	SDG No.:	P4515
Lab Sample ID:	P4515-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	46.8

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	4.72	9.80	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-36-0	Antimony	6.65	N	1	0.29	4.90	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-38-2	Arsenic	5.12	N	1	0.57	1.96	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-39-3	Barium	86.3		1	1.25	9.80	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-41-7	Beryllium	0.80		1	0.024	0.59	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-43-9	Cadmium	1.19		1	0.031	0.59	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-70-2	Calcium	2280		1	5.49	196	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-47-3	Chromium	27.8		1	0.11	0.98	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-48-4	Cobalt	10.4		1	0.11	2.94	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-50-8	Copper	46.1	N	1	0.92	1.96	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7439-89-6	Iron	19800		1	5.27	9.80	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7439-92-1	Lead	45.1		1	0.29	1.18	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7439-95-4	Magnesium	3660		1	6.72	196	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7439-96-5	Manganese	296		1	0.14	1.96	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7439-97-6	Mercury	0.059		1	0.013	0.030	mg/Kg	10/24/24 08:15	10/24/24 09:59	SW7471B	
7440-02-0	Nickel	24.0		1	0.18	3.92	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-09-7	Potassium	1400		1	56.3	196	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7782-49-2	Selenium	1.96	U	1	0.65	1.96	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-22-4	Silver	0.39	J	1	0.10	0.98	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-23-5	Sodium	252	N	1	70.8	196	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-28-0	Thallium	3.92	U	1	0.86	3.92	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-62-2	Vanadium	29.0		1	0.53	3.92	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050
7440-66-6	Zinc	248	*	1	0.22	3.92	mg/Kg	10/24/24 12:00	10/24/24 20:48	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
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