

Report of Analysis

Client:	PSEG	Date Collected:	07/10/25
Project:	Burlington Switching Station	Date Received:	07/10/25
Client Sample ID:	ARS20-0013	SDG No.:	Q2564
Lab Sample ID:	Q2564-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4560		1	0.80	4.76	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-36-0	Antimony	0.69	JN	1	0.21	2.38	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-38-2	Arsenic	6.76	N	1	0.18	0.95	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-39-3	Barium	29.5		1	0.70	4.76	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-41-7	Beryllium	0.44		1	0.024	0.28	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-43-9	Cadmium	0.22	J	1	0.023	0.28	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-70-2	Calcium	722		1	10.6	95.1	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-47-3	Chromium	10.9		1	0.045	0.48	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-48-4	Cobalt	3.99		1	0.095	1.43	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-50-8	Copper	11.1	N*	1	0.21	0.95	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7439-89-6	Iron	11300		1	3.80	4.76	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7439-92-1	Lead	16.9	N	1	0.12	0.57	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7439-95-4	Magnesium	1410		1	11.4	95.1	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7439-96-5	Manganese	160		1	0.13	0.95	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7439-97-6	Mercury	0.022		1	0.0080	0.014	mg/Kg	07/11/25 13:02	07/11/25 15:57	7471B	
7440-02-0	Nickel	8.17		1	0.12	1.90	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-09-7	Potassium	1070		1	26.4	95.1	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7782-49-2	Selenium	2.33		1	0.25	0.95	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-22-4	Silver	0.11	UN	1	0.11	0.48	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-23-5	Sodium	69.1	J	1	16.9	95.1	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.90	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-62-2	Vanadium	18.4	N	1	0.24	1.90	mg/Kg	07/11/25 08:50	07/14/25 18:51	6010D	SW3050
7440-66-6	Zinc	33.0		1	0.11	1.90	mg/Kg	07/11/25 08:50	07/14/25 18:51	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