

Report of Analysis

Client:	PSEG	Date Collected:	07/10/25
Project:	Burlington Switching Station	Date Received:	07/10/25
Client Sample ID:	ARS20-0030	SDG No.:	Q2564
Lab Sample ID:	Q2564-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6400		1	0.81	4.82	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-36-0	Antimony	1.30	JN	1	0.21	2.41	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-38-2	Arsenic	23.2	N	1	0.18	0.97	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-39-3	Barium	30.3		1	0.70	4.82	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-41-7	Beryllium	0.47		1	0.024	0.29	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-43-9	Cadmium	0.20	J	1	0.023	0.29	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-70-2	Calcium	2500		1	10.7	96.5	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-47-3	Chromium	13.8		1	0.045	0.48	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-48-4	Cobalt	6.38		1	0.096	1.45	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-50-8	Copper	30.5	N*	1	0.21	0.97	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7439-89-6	Iron	14300		1	3.85	4.82	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7439-92-1	Lead	114	N	1	0.13	0.58	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7439-95-4	Magnesium	2150		1	11.6	96.5	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7439-96-5	Manganese	117		1	0.14	0.97	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7439-97-6	Mercury	0.043		1	0.0070	0.012	mg/Kg	07/11/25 13:02	07/11/25 15:55	7471B	
7440-02-0	Nickel	12.8		1	0.13	1.93	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-09-7	Potassium	506		1	26.7	96.5	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7782-49-2	Selenium	2.24		1	0.25	0.97	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.48	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-23-5	Sodium	227		1	17.2	96.5	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.93	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-62-2	Vanadium	26.9	N	1	0.24	1.93	mg/Kg	07/11/25 08:50	07/14/25 18:46	6010D	SW3050
7440-66-6	Zinc	113		1	0.11	1.93	mg/Kg	07/11/25 08:50	07/14/25 18:46	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