

Report of Analysis

Client:	PSEG	Date Collected:	07/10/25
Project:	Burlington Switching Station	Date Received:	07/10/25
Client Sample ID:	ARS20-0039	SDG No.:	Q2564
Lab Sample ID:	Q2564-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5580		1	0.85	5.05	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-36-0	Antimony	1.32	JN	1	0.22	2.53	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-38-2	Arsenic	9.90	N	1	0.19	1.01	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-39-3	Barium	29.6		1	0.74	5.05	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-41-7	Beryllium	0.57		1	0.025	0.30	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-70-2	Calcium	3050		1	11.2	101	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-47-3	Chromium	11.5		1	0.047	0.51	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-48-4	Cobalt	0.10	U	1	0.10	1.52	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-50-8	Copper	13.8	N*	1	0.22	1.01	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7439-89-6	Iron	13800		1	4.03	5.05	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7439-92-1	Lead	104	N	1	0.13	0.61	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7439-95-4	Magnesium	1550		1	12.1	101	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7439-96-5	Manganese	123		1	0.14	1.01	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7439-97-6	Mercury	0.029		1	0.0080	0.014	mg/Kg	07/11/25 13:02	07/11/25 16:06	7471B	
7440-02-0	Nickel	6.94		1	0.13	2.02	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-09-7	Potassium	678		1	28.0	101	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7782-49-2	Selenium	2.95		1	0.26	1.01	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.51	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-23-5	Sodium	128		1	18.0	101	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.02	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-62-2	Vanadium	21.9	N	1	0.25	2.02	mg/Kg	07/11/25 08:50	07/15/25 21:06	6010D	SW3050
7440-66-6	Zinc	73.7		1	0.11	2.02	mg/Kg	07/11/25 08:50	07/15/25 21:06	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