

Report of Analysis

Client:	PSEG	Date Collected:	06/20/25
Project:	Aldene Switching Station	Date Received:	06/20/25
Client Sample ID:	RBR-200059	SDG No.:	Q2380
Lab Sample ID:	Q2380-05	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	3770		1	0.81	4.82	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-36-0	Antimony	1.16	J	1	0.21	2.41	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-38-2	Arsenic	8.13		1	0.18	0.97	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-39-3	Barium	31.1		1	0.70	4.82	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-41-7	Beryllium	0.30		1	0.024	0.29	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-43-9	Cadmium	0.075	J	1	0.023	0.29	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-70-2	Calcium	1680		1	10.7	96.5	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-47-3	Chromium	6.95		1	0.045	0.48	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-48-4	Cobalt	4.97		1	0.096	1.45	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-50-8	Copper	93.3		1	0.21	0.97	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7439-89-6	Iron	8490		1	3.85	4.82	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7439-92-1	Lead	51.6		1	0.13	0.58	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7439-95-4	Magnesium	1860		1	11.6	96.5	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7439-96-5	Manganese	188		1	0.14	0.97	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7439-97-6	Mercury	0.022		1	0.0080	0.014	mg/Kg	06/23/25 10:40	06/24/25 12:02	7471B	
7440-02-0	Nickel	8.95		1	0.13	1.93	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-09-7	Potassium	454		1	26.7	96.5	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7782-49-2	Selenium	2.36		1	0.25	0.97	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.48	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-23-5	Sodium	17.2	U	1	17.2	96.5	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.93	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-62-2	Vanadium	14.7		1	0.24	1.93	mg/Kg	06/23/25 10:20	06/24/25 20:09	6010D	SW3050
7440-66-6	Zinc	73.2		1	0.11	1.93	mg/Kg	06/23/25 10:20	06/24/25 20:09	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