

Report of Analysis

Client:	PSEG	Date Collected:	03/20/25
Project:	Aldene Switching Station	Date Received:	03/20/25
Client Sample ID:	RBR200030	SDG No.:	Q1611
Lab Sample ID:	Q1611-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7700		1	2.43	5.04	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.52	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-38-2	Arsenic	2.14		1	0.29	1.01	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-39-3	Barium	19.5		1	0.65	5.04	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-41-7	Beryllium	0.34	N	1	0.012	0.30	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.30	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-70-2	Calcium	4670		1	2.82	101	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-47-3	Chromium	10.3		1	0.054	0.50	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-48-4	Cobalt	9.68	N	1	0.059	1.51	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-50-8	Copper	37.3		1	0.47	1.01	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7439-89-6	Iron	14000		1	2.71	5.04	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7439-92-1	Lead	7.68		1	0.15	0.61	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7439-95-4	Magnesium	3830		1	3.46	101	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7439-96-5	Manganese	174		1	0.072	1.01	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7439-97-6	Mercury	0.015		1	0.0080	0.014	mg/Kg	03/20/25 16:40	03/21/25 11:23	SW7471B	
7440-02-0	Nickel	14.4		1	0.091	2.02	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-09-7	Potassium	252		1	28.9	101	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7782-49-2	Selenium	0.33	U	1	0.33	1.01	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-22-4	Silver	0.052	U	1	0.052	0.50	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-23-5	Sodium	1190		1	36.4	101	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-28-0	Thallium	0.44	U	1	0.44	2.02	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-62-2	Vanadium	27.2		1	0.27	2.02	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	SW3050
7440-66-6	Zinc	26.4		1	0.11	2.02	mg/Kg	03/21/25 10:15	03/24/25 16:56	SW6010	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