

Report of Analysis

Client:	PSEG	Date Collected:	06/20/25
Project:	Aldene Switching Station	Date Received:	06/20/25
Client Sample ID:	72-11948	SDG No.:	Q2380
Lab Sample ID:	Q2380-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8700		1	0.84	4.98	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-36-0	Antimony	1.72	J	1	0.22	2.49	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-38-2	Arsenic	4.42		1	0.19	1.00	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-39-3	Barium	59.2		1	0.73	4.98	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-41-7	Beryllium	0.81		1	0.025	0.30	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-70-2	Calcium	1310		1	11.1	99.7	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-47-3	Chromium	13.9		1	0.047	0.50	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-48-4	Cobalt	12.1		1	0.10	1.49	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-50-8	Copper	18.1		1	0.22	1.00	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7439-89-6	Iron	19900		1	3.98	4.98	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7439-92-1	Lead	40.6		1	0.13	0.60	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7439-95-4	Magnesium	4010		1	12.0	99.7	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7439-96-5	Manganese	469		1	0.14	1.00	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7439-97-6	Mercury	0.036		1	0.0080	0.014	mg/Kg	06/23/25 10:40	06/24/25 11:58	7471B	
7440-02-0	Nickel	23.3		1	0.13	1.99	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-09-7	Potassium	1220		1	27.6	99.7	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7782-49-2	Selenium	6.62		1	0.26	1.00	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.50	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-23-5	Sodium	260		1	17.7	99.7	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.99	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-62-2	Vanadium	22.0		1	0.25	1.99	mg/Kg	06/23/25 10:20	06/24/25 20:01	6010D	SW3050
7440-66-6	Zinc	69.4		1	0.11	1.99	mg/Kg	06/23/25 10:20	06/24/25 20:01	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