

Report of Analysis

Client:	PSEG	Date Collected:	06/20/25
Project:	Aldene Switching Station	Date Received:	06/20/25
Client Sample ID:	VNJ-211	SDG No.:	Q2380
Lab Sample ID:	Q2380-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8300		1	0.86	5.09	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-36-0	Antimony	2.03	J	1	0.22	2.55	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-38-2	Arsenic	3.89		1	0.19	1.02	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-39-3	Barium	98.0		1	0.74	5.09	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-41-7	Beryllium	0.70		1	0.025	0.31	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-43-9	Cadmium	0.25	J	1	0.024	0.31	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-70-2	Calcium	7980		1	11.3	102	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-47-3	Chromium	17.4		1	0.048	0.51	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-48-4	Cobalt	11.4		1	0.10	1.53	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-50-8	Copper	31.5		1	0.22	1.02	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7439-89-6	Iron	19100		1	4.07	5.09	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7439-92-1	Lead	98.2		1	0.13	0.61	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7439-95-4	Magnesium	4220		1	12.2	102	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7439-96-5	Manganese	339		1	0.14	1.02	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7439-97-6	Mercury	1.98	D	5	0.043	0.077	mg/Kg	06/23/25 10:40	06/24/25 13:10	7471B	
7440-02-0	Nickel	23.2		1	0.13	2.04	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-09-7	Potassium	1320		1	28.2	102	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7782-49-2	Selenium	5.15		1	0.27	1.02	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.51	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-23-5	Sodium	18.1	U	1	18.1	102	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.04	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-62-2	Vanadium	20.0		1	0.26	2.04	mg/Kg	06/23/25 10:20	06/24/25 20:05	6010D	SW3050
7440-66-6	Zinc	125		1	0.11	2.04	mg/Kg	06/23/25 10:20	06/24/25 20:05	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