

Report of Analysis

Client:	PSEG	Date Collected:	07/23/25
Project:	Aldene Switching Station	Date Received:	07/23/25
Client Sample ID:	VNJ-251	SDG No.:	Q2687
Lab Sample ID:	Q2687-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	85

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7390		1	0.89	5.32	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-36-0	Antimony	4.10	N*	1	0.23	2.66	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-38-2	Arsenic	3.49		1	0.20	1.06	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-39-3	Barium	85.4		1	0.78	5.32	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-41-7	Beryllium	0.57		1	0.027	0.32	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-43-9	Cadmium	0.18	J	1	0.026	0.32	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-70-2	Calcium	4070		1	11.8	106	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-47-3	Chromium	13.5	N	1	0.050	0.53	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-48-4	Cobalt	11.7	*	1	0.11	1.60	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-50-8	Copper	24.5	N*	1	0.23	1.06	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7439-89-6	Iron	15200		1	4.25	5.32	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7439-92-1	Lead	45.7	N*	1	0.14	0.64	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7439-95-4	Magnesium	3270		1	12.8	106	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7439-96-5	Manganese	460	*	1	0.15	1.06	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7439-97-6	Mercury	1.04	DN	2	0.018	0.033	mg/Kg	07/24/25 15:10	07/25/25 12:51	7471B	
7440-02-0	Nickel	17.8		1	0.14	2.13	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-09-7	Potassium	724		1	29.5	106	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7782-49-2	Selenium	3.39	N	1	0.28	1.06	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-22-4	Silver	3.11	N	1	0.13	0.53	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-23-5	Sodium	282	N	1	19.0	106	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.13	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-62-2	Vanadium	19.0	N	1	0.27	2.13	mg/Kg	07/25/25 10:15	07/25/25 15:14	6010D	SW3050
7440-66-6	Zinc	108	*	1	0.12	2.13	mg/Kg	07/25/25 10:15	07/25/25 15:14	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