

Report of Analysis

Client:	PSEG	Date Collected:	11/13/25
Project:	PSEG Aldene Switching Station & Substation	Date Received:	11/13/25
Client Sample ID:	ETGI-368	SDG No.:	Q3633
Lab Sample ID:	Q3633-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12900		1	0.83	4.91	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.46	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-38-2	Arsenic	4.96		1	0.19	0.98	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-39-3	Barium	85.0		1	0.72	4.91	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-41-7	Beryllium	0.82		1	0.025	0.30	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-43-9	Cadmium	1.99		1	0.024	0.30	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-70-2	Calcium	2630		1	10.9	98.2	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-47-3	Chromium	17.8		1	0.046	0.49	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-48-4	Cobalt	14.0		1	0.098	1.47	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-50-8	Copper	29.5	N	1	0.22	0.98	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7439-89-6	Iron	22700		1	3.92	4.91	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7439-92-1	Lead	77.5		1	0.13	0.59	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7439-95-4	Magnesium	5220		1	11.8	98.2	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7439-96-5	Manganese	494		1	0.14	0.98	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7439-97-6	Mercury	0.13	N	1	0.0070	0.013	mg/Kg	11/14/25 11:40	11/14/25 14:06	7471B	
7440-02-0	Nickel	26.6		1	0.13	1.96	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-09-7	Potassium	1640	N	1	27.2	98.2	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	0.98	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.49	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-23-5	Sodium	216		1	17.5	98.2	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-28-0	Thallium	0.44	J	1	0.23	1.96	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-62-2	Vanadium	29.3		1	0.25	1.96	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050
7440-66-6	Zinc	100		1	0.23	1.96	mg/Kg	11/14/25 13:05	11/17/25 15:28	6010D	SW3050

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