

Report of Analysis

Client: PSEG
Project: PSEG Aldene Switching Station & Substation
Client Sample ID: ETGI-342
Lab Sample ID: Q3633-03
Level (low/med): low

Date Collected: 11/13/25
Date Received: 11/13/25
SDG No.: Q3633
Matrix: SOIL
% Solid: 90.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9110		1	0.82	4.87	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-36-0	Antimony	4.19	N	1	0.21	2.43	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-38-2	Arsenic	3.85		1	0.19	0.97	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-39-3	Barium	62.9		1	0.71	4.87	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-41-7	Beryllium	0.62		1	0.024	0.29	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-43-9	Cadmium	1.45		1	0.023	0.29	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-70-2	Calcium	3350		1	10.8	97.4	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-47-3	Chromium	15.3		1	0.046	0.49	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-48-4	Cobalt	21.4		1	0.097	1.46	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-50-8	Copper	49.7	N	1	0.21	0.97	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7439-89-6	Iron	19400		1	3.88	4.87	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7439-92-1	Lead	73.1		1	0.13	0.58	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7439-95-4	Magnesium	3990		1	11.7	97.4	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7439-96-5	Manganese	323		1	0.14	0.97	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7439-97-6	Mercury	0.045	N	1	0.0080	0.015	mg/Kg	11/14/25 11:40	11/14/25 14:04	7471B	
7440-02-0	Nickel	20.1		1	0.13	1.95	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-09-7	Potassium	1140	N	1	27.0	97.4	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.49	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-23-5	Sodium	353		1	17.3	97.4	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-28-0	Thallium	0.68	J	1	0.22	1.95	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-62-2	Vanadium	21.4		1	0.24	1.95	mg/Kg	11/14/25 13:05	11/17/25 15:24	6010D	SW3050
7440-66-6	Zinc	256		1	0.22	1.95	mg/Kg	11/14/25 13:05	11/17/25 15:24	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