

Report of Analysis

Client: PSEG
Project: PSEG Deans Switching Station
Client Sample ID: RT4262
Lab Sample ID: Q3827-01
Level (low/med): low

Date Collected: 12/09/25
Date Received: 12/09/25
SDG No.: Q3827
Matrix: SOIL
% Solid: 92.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5170		1	0.82	4.85	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-36-0	Antimony	0.88	JN	1	0.21	2.42	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-38-2	Arsenic	14.5		1	0.18	0.97	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-39-3	Barium	5.39		1	0.71	4.85	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-41-7	Beryllium	0.92		1	0.024	0.29	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-43-9	Cadmium	1.26		1	0.023	0.29	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-70-2	Calcium	299		1	10.8	97.0	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-47-3	Chromium	54.7	N*	1	0.046	0.49	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-48-4	Cobalt	2.85		1	0.097	1.45	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-50-8	Copper	6.56		1	0.21	0.97	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7439-89-6	Iron	38100		1	3.87	4.85	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7439-92-1	Lead	8.84		1	0.13	0.58	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7439-95-4	Magnesium	439		1	11.6	97.0	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7439-96-5	Manganese	19.6	N*	1	0.14	0.97	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7439-97-6	Mercury	0.012	J	1	0.0070	0.013	mg/Kg	12/10/25 15:10	12/11/25 10:00	7471B	M7471B
7440-02-0	Nickel	4.68		1	0.13	1.94	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-09-7	Potassium	910	N	1	26.9	97.0	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-22-4	Silver	3.23	*	1	0.12	0.49	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-23-5	Sodium	18.0	J	1	17.3	97.0	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.94	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-62-2	Vanadium	40.9	N	1	0.24	1.94	mg/Kg	12/10/25 11:20	12/11/25 15:34	6010D	SW3050
7440-66-6	Zinc	26.8		1	0.22	1.94	mg/Kg	12/10/25 11:20	12/11/25 15:34	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