

Report of Analysis

Client: PSEG
Project: PSEG Gloucester Substation
Client Sample ID: TP-A-B
Lab Sample ID: Q3821-01
Level (low/med): low

Date Collected: 12/09/25
Date Received: 12/09/25
SDG No.: Q3821
Matrix: SOIL
% Solid: 91.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4640		1	0.79	4.67	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-36-0	Antimony	0.38	JN	1	0.21	2.34	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-38-2	Arsenic	4.77		1	0.18	0.93	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-39-3	Barium	21.4		1	0.68	4.67	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-41-7	Beryllium	0.35		1	0.023	0.28	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-43-9	Cadmium	0.23	J	1	0.022	0.28	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-70-2	Calcium	630		1	10.4	93.4	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-47-3	Chromium	9.14	N*	1	0.044	0.47	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-48-4	Cobalt	2.24		1	0.093	1.40	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-50-8	Copper	6.55		1	0.21	0.93	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7439-89-6	Iron	8750		1	3.73	4.67	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7439-92-1	Lead	11.4		1	0.12	0.56	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7439-95-4	Magnesium	775		1	11.2	93.4	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7439-96-5	Manganese	38.7	N*	1	0.13	0.93	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.014	mg/Kg	12/10/25 15:10	12/11/25 09:38	7471B	M7471B
7440-02-0	Nickel	4.49		1	0.12	1.87	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-09-7	Potassium	568	N	1	25.9	93.4	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7782-49-2	Selenium	0.93	U	1	0.24	0.93	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-22-4	Silver	0.82	*	1	0.11	0.47	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-23-5	Sodium	32.2	J	1	16.6	93.4	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-28-0	Thallium	1.87	U	1	0.22	1.87	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-62-2	Vanadium	15.3	N	1	0.23	1.87	mg/Kg	12/10/25 11:20	12/11/25 16:11	6010D	SW3050
7440-66-6	Zinc	20.6		1	0.22	1.87	mg/Kg	12/10/25 11:20	12/11/25 16:11	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