

Report of Analysis

Client: PSEG
Project: PSEG Livingston Substation
Client Sample ID: LIVINGSTON-SOIL
Lab Sample ID: Q3599-01
Level (low/med): low

Date Collected: 11/10/25
Date Received: 11/10/25
SDG No.: Q3599
Matrix: SOIL
% Solid: 92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6170		1	0.77	4.60	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-36-0	Antimony	0.88	JN	1	0.20	2.30	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-38-2	Arsenic	5.33		1	0.18	0.92	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-39-3	Barium	27.8		1	0.67	4.60	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-41-7	Beryllium	0.51		1	0.023	0.28	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-43-9	Cadmium	0.38		1	0.022	0.28	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-70-2	Calcium	161000	D	10	102	919	mg/Kg	11/11/25 10:30	11/11/25 15:41	6010D	SW3050
7440-47-3	Chromium	13.9	N	1	0.043	0.46	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-48-4	Cobalt	9.50		1	0.092	1.38	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-50-8	Copper	25.0		1	0.20	0.92	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7439-89-6	Iron	16700	*	1	3.67	4.60	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7439-92-1	Lead	9.85		1	0.12	0.55	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7439-95-4	Magnesium	75800		1	11.0	91.9	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7439-96-5	Manganese	348		1	0.13	0.92	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7439-97-6	Mercury	0.013	UN	1	0.0070	0.013	mg/Kg	11/11/25 10:35	11/11/25 15:51	7471B	
7440-02-0	Nickel	16.1		1	0.12	1.84	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-09-7	Potassium	836		1	25.5	91.9	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7782-49-2	Selenium	0.92	U	1	0.24	0.92	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-22-4	Silver	0.45	J	1	0.11	0.46	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-23-5	Sodium	443		1	16.4	91.9	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-28-0	Thallium	1.84	U	1	0.21	1.84	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-62-2	Vanadium	26.2	N	1	0.23	1.84	mg/Kg	11/11/25 10:30	11/11/25 14:32	6010D	SW3050
7440-66-6	Zinc	29.3		1	0.21	1.84	mg/Kg	11/11/25 10:30	11/11/25 14:32	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