

Report of Analysis

Client:	PSEG	Date Collected:	12/10/25
Project:	PSEG Federal Square SGMO	Date Received:	12/10/25
Client Sample ID:	FED-FOOTING	SDG No.:	Q3829
Lab Sample ID:	Q3829-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4130		1	0.72	4.27	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-36-0	Antimony	0.46	J	1	0.19	2.14	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-38-2	Arsenic	1.91		1	0.16	0.86	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-39-3	Barium	23.9		1	0.62	4.27	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-41-7	Beryllium	0.23	J	1	0.021	0.26	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-43-9	Cadmium	0.40		1	0.021	0.26	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-70-2	Calcium	113000	D	2	19.0	171	mg/Kg	12/11/25 10:11	12/11/25 20:50	6010D	SW3050
7440-47-3	Chromium	26.9		1	0.040	0.43	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-48-4	Cobalt	2.01		1	0.085	1.28	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-50-8	Copper	16.0		1	0.19	0.86	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7439-89-6	Iron	5890		1	3.41	4.27	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7439-92-1	Lead	6.65		1	0.11	0.51	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7439-95-4	Magnesium	36900		1	10.3	85.5	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7439-96-5	Manganese	233		1	0.12	0.86	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7439-97-6	Mercury	0.013	N	1	0.0080	0.013	mg/Kg	12/12/25 10:15	12/12/25 13:56	7471B	M7471B
7440-02-0	Nickel	11.8		1	0.11	1.71	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-09-7	Potassium	276		1	23.7	85.5	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7782-49-2	Selenium	0.86	U	1	0.22	0.86	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-22-4	Silver	0.73		1	0.10	0.43	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-23-5	Sodium	99.3		1	15.2	85.5	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-28-0	Thallium	1.71	U	1	0.20	1.71	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-62-2	Vanadium	12.9		1	0.21	1.71	mg/Kg	12/11/25 10:11	12/11/25 16:31	6010D	SW3050
7440-66-6	Zinc	37.6		1	0.20	1.71	mg/Kg	12/11/25 10:11	12/11/25 16:31	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