

Report of Analysis

Client: PSEG
Project: Central Ave Substation
Client Sample ID: CENTRAL-AVE-TP
Lab Sample ID: Q3382-01
Level (low/med): low

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3382
Matrix: SOIL
% Solid: 84.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5200		1	0.84	4.99	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-36-0	Antimony	0.34	JN	1	0.22	2.50	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-38-2	Arsenic	2.30		1	0.19	1.00	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-39-3	Barium	53.0		1	0.73	4.99	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-41-7	Beryllium	0.40		1	0.025	0.30	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-43-9	Cadmium	0.29	J	1	0.024	0.30	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-70-2	Calcium	1680		1	11.1	99.8	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-47-3	Chromium	7.61		1	0.047	0.50	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-48-4	Cobalt	4.18		1	0.10	1.50	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-50-8	Copper	29.6	N	1	0.22	1.00	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7439-89-6	Iron	8640		1	3.98	4.99	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7439-92-1	Lead	70.2		1	0.13	0.60	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7439-95-4	Magnesium	1150		1	12.0	99.8	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7439-96-5	Manganese	247		1	0.14	1.00	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7439-97-6	Mercury	0.19	N	1	0.0080	0.014	mg/Kg	10/20/25 13:27	10/20/25 16:15	7471B	7471B
7440-02-0	Nickel	8.39		1	0.13	2.00	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-09-7	Potassium	502		1	27.6	99.8	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7782-49-2	Selenium	0.26	UN	1	0.26	1.00	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.50	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-23-5	Sodium	94.7	J	1	17.8	99.8	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.00	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-62-2	Vanadium	12.3		1	0.25	2.00	mg/Kg	10/20/25 10:35	10/20/25 14:59	6010D	SW3050
7440-66-6	Zinc	39.1		1	0.23	2.00	mg/Kg	10/20/25 10:35	10/20/25 14:59	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