

Report of Analysis

Client: PSEG
Project: PSEG-RANCOCAS Substation
Client Sample ID: ROW
Lab Sample ID: Q3746-01
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/01/25
SDG No.: Q3746
Matrix: SOIL
% Solid: 68.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12600	*	1	1.02	6.05	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-36-0	Antimony	0.27	UN	1	0.27	3.02	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-38-2	Arsenic	8.54		1	0.23	1.21	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-39-3	Barium	30.2	N*	1	0.88	6.05	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-41-7	Beryllium	0.46		1	0.030	0.36	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-43-9	Cadmium	0.82		1	0.029	0.36	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-70-2	Calcium	8630	*	1	13.4	121	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-47-3	Chromium	44.1		1	0.057	0.61	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-48-4	Cobalt	13.9		1	0.12	1.81	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-50-8	Copper	64.1	N	1	0.27	1.21	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7439-89-6	Iron	20400	*	1	4.83	6.05	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7439-92-1	Lead	5.50	N*	1	0.16	0.73	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7439-95-4	Magnesium	11700		1	14.5	121	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7439-96-5	Manganese	251		1	0.17	1.21	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7439-97-6	Mercury	0.011	J	1	0.010	0.018	mg/Kg	12/02/25 13:35	12/03/25 09:41	7471B	M7471B
7440-02-0	Nickel	30.1		1	0.16	2.42	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-09-7	Potassium	1120		1	33.5	121	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	1.21	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-22-4	Silver	1.48		1	0.14	0.61	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-23-5	Sodium	1120	N	1	21.5	121	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-28-0	Thallium	0.28	U	1	0.28	2.42	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-62-2	Vanadium	31.7	N	1	0.30	2.42	mg/Kg	12/02/25 09:30	12/02/25 13:51	6010D	SW3050
7440-66-6	Zinc	33.5	*	1	0.28	2.42	mg/Kg	12/02/25 09:30	12/02/25 13:51	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