

Report of Analysis

Client: PSEG
Project: Nicholson Substation
Client Sample ID: LAYDOWN-YARD-2
Lab Sample ID: Q3337-03
Level (low/med): low

Date Collected: 10/13/25
Date Received: 10/13/25
SDG No.: Q3337
Matrix: SOIL
% Solid: 86.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7670		1	0.82	4.89	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-36-0	Antimony	2.44	UN	1	0.22	2.44	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-38-2	Arsenic	4.32		1	0.19	0.98	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-39-3	Barium	69.4	*	1	0.71	4.89	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-41-7	Beryllium	0.46		1	0.024	0.29	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-43-9	Cadmium	0.50		1	0.023	0.29	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-70-2	Calcium	40400		1	10.8	97.7	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-47-3	Chromium	15.3	N*	1	0.046	0.49	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-48-4	Cobalt	5.51		1	0.098	1.47	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-50-8	Copper	21.7	N	1	0.22	0.98	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7439-89-6	Iron	14500		1	3.90	4.89	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7439-92-1	Lead	22.0		1	0.13	0.59	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7439-95-4	Magnesium	7110		1	11.7	97.7	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7439-96-5	Manganese	164		1	0.14	0.98	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7439-97-6	Mercury	0.022		1	0.0080	0.015	mg/Kg	10/14/25 11:30	10/15/25 09:33	7471B	
7440-02-0	Nickel	10.2		1	0.13	1.95	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-09-7	Potassium	2320		1	27.1	97.7	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7782-49-2	Selenium	0.98	U	1	0.25	0.98	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-22-4	Silver	0.49	UN	1	0.12	0.49	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-23-5	Sodium	450	N	1	17.4	97.7	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-28-0	Thallium	1.95	U	1	0.23	1.95	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-62-2	Vanadium	23.2		1	0.24	1.95	mg/Kg	10/14/25 10:45	10/15/25 16:51	6010D	SW3050
7440-66-6	Zinc	60.1		1	0.23	1.95	mg/Kg	10/14/25 10:45	10/15/25 16:51	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