

Report of Analysis

Client: PSEG
Project: Irvington - Metro Electric Division Sub HQ
Client Sample ID: 461
Lab Sample ID: Q3501-01
Level (low/med): low

Date Collected: 10/30/25
Date Received: 10/30/25
SDG No.: Q3501
Matrix: SOIL
% Solid: 100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	135		1	0.80	4.76	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-36-0	Antimony	2.38	U	1	0.21	2.38	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-38-2	Arsenic	0.95	U*	1	0.18	0.95	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-39-3	Barium	3.17	J	1	0.70	4.76	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-41-7	Beryllium	0.024	J	1	0.024	0.29	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-43-9	Cadmium	0.025	J*	1	0.023	0.29	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-70-2	Calcium	266	*	1	10.6	95.2	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-47-3	Chromium	1.01		1	0.045	0.48	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-48-4	Cobalt	0.12	J*	1	0.095	1.43	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-50-8	Copper	3.86	*	1	0.21	0.95	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7439-89-6	Iron	520		1	3.80	4.76	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7439-92-1	Lead	4.76		1	0.12	0.57	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7439-95-4	Magnesium	83.7	J	1	11.4	95.2	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7439-96-5	Manganese	6.00		1	0.13	0.95	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7439-97-6	Mercury	0.012	U	1	0.0070	0.012	mg/Kg	10/31/25 09:25	10/31/25 12:17	7471B	
7440-02-0	Nickel	0.41	J*	1	0.12	1.90	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-09-7	Potassium	29.1	J	1	26.4	95.2	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7782-49-2	Selenium	0.95	U	1	0.25	0.95	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-22-4	Silver	0.48	U	1	0.11	0.48	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-23-5	Sodium	43.8	J	1	17.0	95.2	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-28-0	Thallium	1.90	U	1	0.22	1.90	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-62-2	Vanadium	0.60	J	1	0.24	1.90	mg/Kg	10/31/25 10:40	11/03/25 16:37	6010D	SW3050
7440-66-6	Zinc	22.6	*	1	0.22	1.90	mg/Kg	10/31/25 10:40	11/03/25 16:37	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