

Report of Analysis

Client: PSEG
Project: South Mahwah Switch
Client Sample ID: SOUTH-MAHWAH-SOIL
Lab Sample ID: Q3477-02
Level (low/med): low

Date Collected: 10/28/25
Date Received: 10/28/25
SDG No.: Q3477
Matrix: TCLP
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	0.10	U	1	0.026	0.10	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7440-39-3	Barium	0.84		1	0.073	0.50	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7440-43-9	Cadmium	0.030	U	1	0.0025	0.030	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7440-47-3	Chromium	0.031	J	1	0.011	0.050	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7440-50-8	Copper	0.068	J	1	0.023	0.10	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7439-92-1	Lead	0.11		1	0.012	0.060	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7439-97-6	Mercury	0.0020	U	1	0.00076	0.0020	mg/L	10/29/25 12:30	10/30/25 12:18	7470A	7470A
7440-02-0	Nickel	0.20	U	1	0.015	0.20	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7782-49-2	Selenium	0.10	U	1	0.048	0.10	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7440-22-4	Silver	0.050	U	1	0.0081	0.050	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A
7440-66-6	Zinc	0.20	J	1	0.083	0.20	mg/L	10/29/25 12:30	10/31/25 13:38	6010D	SW3010A

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