

Report of Analysis

Client: PSEG
Project: PSEG Spring Valley - Maywood
Client Sample ID: MH-18
Lab Sample ID: Q3403-01
Level (low/med): low

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3403
Matrix: SOIL
% Solid: 91.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5170		1	0.85	5.04	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-36-0	Antimony	2.52	UN	1	0.22	2.52	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-38-2	Arsenic	1.84	N	1	0.19	1.01	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-39-3	Barium	29.2	N	1	0.74	5.04	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-41-7	Beryllium	0.41	N	1	0.025	0.30	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-43-9	Cadmium	0.14	J	1	0.024	0.30	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-70-2	Calcium	666		1	11.2	101	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-47-3	Chromium	6.22		1	0.047	0.50	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-48-4	Cobalt	4.56		1	0.10	1.51	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-50-8	Copper	8.65		1	0.22	1.01	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7439-89-6	Iron	10300		1	4.02	5.04	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7439-92-1	Lead	8.15		1	0.13	0.60	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7439-95-4	Magnesium	1040		1	12.1	101	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7439-96-5	Manganese	220		1	0.14	1.01	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	10/21/25 11:20	10/22/25 13:05	7471B	7471B
7440-02-0	Nickel	7.40		1	0.13	2.01	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-09-7	Potassium	443		1	27.9	101	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7782-49-2	Selenium	1.01	UN	1	0.26	1.01	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-22-4	Silver	0.50	UN	1	0.12	0.50	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-23-5	Sodium	154		1	17.9	101	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-28-0	Thallium	2.01	U	1	0.23	2.01	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-62-2	Vanadium	12.2		1	0.25	2.01	mg/Kg	10/21/25 10:35	10/21/25 17:00	6010D	SW3010A
7440-66-6	Zinc	16.9		1	0.23	2.01	mg/Kg	10/21/25 10:35	10/21/25 17:00	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