

Report of Analysis

Client: PSEG
Project: PSEG Spring Valley - Maywood
Client Sample ID: MH-19
Lab Sample ID: Q3392-05
Level (low/med): low

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3392
Matrix: SOIL
% Solid: 87.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7600		1	0.87	5.15	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-36-0	Antimony	0.29	JN	1	0.23	2.58	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-38-2	Arsenic	2.66		1	0.20	1.03	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-39-3	Barium	46.8		1	0.75	5.15	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-41-7	Beryllium	0.45		1	0.026	0.31	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-43-9	Cadmium	0.35		1	0.025	0.31	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-70-2	Calcium	864		1	11.4	103	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-47-3	Chromium	8.08		1	0.048	0.52	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-48-4	Cobalt	5.40		1	0.10	1.55	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-50-8	Copper	10.0	N	1	0.23	1.03	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7439-89-6	Iron	11500		1	4.11	5.15	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7439-92-1	Lead	16.3		1	0.13	0.62	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7439-95-4	Magnesium	1300		1	12.4	103	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7439-96-5	Manganese	262		1	0.14	1.03	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7439-97-6	Mercury	0.063	N	1	0.0090	0.015	mg/Kg	10/20/25 09:20	10/20/25 16:32	7471B	7471B
7440-02-0	Nickel	9.46		1	0.13	2.06	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-09-7	Potassium	453		1	28.6	103	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7782-49-2	Selenium	0.35	JN	1	0.27	1.03	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-22-4	Silver	0.52	UN	1	0.12	0.52	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-23-5	Sodium	375		1	18.3	103	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-28-0	Thallium	2.06	U	1	0.24	2.06	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-62-2	Vanadium	15.9		1	0.26	2.06	mg/Kg	10/20/25 10:35	10/20/25 15:28	6010D	SW3010A
7440-66-6	Zinc	29.3		1	0.24	2.06	mg/Kg	10/20/25 10:35	10/20/25 15:28	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