

Report of Analysis

Client: PSEG
Project: PSEG Spring Valley - Maywood
Client Sample ID: MH-21
Lab Sample ID: Q3369-05
Level (low/med): low

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3369
Matrix: SOIL
% Solid: 89.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5480		1	0.82	4.86	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-36-0	Antimony	0.36	JN	1	0.21	2.43	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-38-2	Arsenic	1.68		1	0.19	0.97	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-39-3	Barium	20.9		1	0.71	4.86	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-41-7	Beryllium	0.39		1	0.024	0.29	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-43-9	Cadmium	0.31		1	0.023	0.29	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-70-2	Calcium	413		1	10.8	97.3	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-47-3	Chromium	8.52		1	0.046	0.49	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-48-4	Cobalt	7.17		1	0.097	1.46	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-50-8	Copper	6.74	N	1	0.21	0.97	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7439-89-6	Iron	13100		1	3.88	4.86	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7439-92-1	Lead	8.63		1	0.13	0.58	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7439-95-4	Magnesium	937		1	11.7	97.3	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7439-96-5	Manganese	304		1	0.14	0.97	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	10/17/25 08:10	10/17/25 11:21	7471B	7471B
7440-02-0	Nickel	10.4		1	0.13	1.95	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-09-7	Potassium	529		1	26.9	97.3	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7782-49-2	Selenium	0.97	UN	1	0.25	0.97	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-22-4	Silver	0.49	UN	1	0.12	0.49	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-23-5	Sodium	275		1	17.3	97.3	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-28-0	Thallium	1.95	U	1	0.22	1.95	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-62-2	Vanadium	9.61		1	0.24	1.95	mg/Kg	10/20/25 10:35	10/20/25 14:31	6010D	SW3050
7440-66-6	Zinc	16.3		1	0.22	1.95	mg/Kg	10/20/25 10:35	10/20/25 14:31	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