

Report of Analysis

Client: PSEG
Project: Ridgefield OH Row Bridge
Client Sample ID: 41-RB
Lab Sample ID: Q3402-10
Level (low/med): low

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3402
Matrix: SOIL
% Solid: 54.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7850		1	1.29	7.67	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-36-0	Antimony	3.84	UN	1	0.34	3.84	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-38-2	Arsenic	9.36	N	1	0.29	1.53	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-39-3	Barium	41.6	N	1	1.12	7.67	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-41-7	Beryllium	0.66	N	1	0.038	0.46	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-43-9	Cadmium	0.42	J	1	0.037	0.46	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-70-2	Calcium	1330		1	17.0	153	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-47-3	Chromium	24.6		1	0.072	0.77	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-48-4	Cobalt	7.04		1	0.15	2.30	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-50-8	Copper	27.9		1	0.34	1.53	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7439-89-6	Iron	13000		1	6.12	7.67	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7439-92-1	Lead	45.8		1	0.20	0.92	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7439-95-4	Magnesium	2570		1	18.4	153	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7439-96-5	Manganese	185		1	0.22	1.53	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7439-97-6	Mercury	1.33	D	5	0.060	0.11	mg/Kg	10/21/25 11:20	10/22/25 14:08	7471B	7471B
7440-02-0	Nickel	15.3		1	0.20	3.07	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-09-7	Potassium	954		1	42.5	153	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7782-49-2	Selenium	0.63	JN	1	0.40	1.53	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-22-4	Silver	0.77	UN	1	0.18	0.77	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-23-5	Sodium	1770		1	27.3	153	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-28-0	Thallium	3.07	U	1	0.35	3.07	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-62-2	Vanadium	21.0		1	0.38	3.07	mg/Kg	10/21/25 10:35	10/21/25 16:56	6010D	SW3050
7440-66-6	Zinc	80.6		1	0.35	3.07	mg/Kg	10/21/25 10:35	10/21/25 16:56	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