

Report of Analysis

Client: PSEG
Project: PSEG Sewaren Laydown Yard
Client Sample ID: VNJ-240
Lab Sample ID: Q3581-05
Level (low/med): low

Date Collected: 11/07/25
Date Received: 11/07/25
SDG No.: Q3581
Matrix: SOIL
% Solid: 89

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8470		1	0.86	5.11	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-36-0	Antimony	0.47	JN	1	0.23	2.55	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-38-2	Arsenic	2.55		1	0.19	1.02	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-39-3	Barium	39.1		1	0.75	5.11	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-41-7	Beryllium	0.72		1	0.026	0.31	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-43-9	Cadmium	0.38		1	0.025	0.31	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-70-2	Calcium	1480		1	11.3	102	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-47-3	Chromium	14.8		1	0.048	0.51	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-48-4	Cobalt	9.38		1	0.10	1.53	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-50-8	Copper	17.9	N*	1	0.23	1.02	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7439-89-6	Iron	16600		1	4.08	5.11	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7439-92-1	Lead	47.6		1	0.13	0.61	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7439-95-4	Magnesium	4000		1	12.3	102	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7439-96-5	Manganese	351		1	0.14	1.02	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7439-97-6	Mercury	0.13		1	0.0070	0.013	mg/Kg	11/11/25 08:40	11/11/25 14:54	7471B	
7440-02-0	Nickel	19.2		1	0.13	2.04	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-09-7	Potassium	1330		1	28.3	102	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7782-49-2	Selenium	1.02	UN	1	0.27	1.02	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-22-4	Silver	2.37	N	1	0.12	0.51	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-23-5	Sodium	113	N	1	18.2	102	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-28-0	Thallium	2.04	U	1	0.24	2.04	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-62-2	Vanadium	19.6	N	1	0.26	2.04	mg/Kg	11/10/25 14:40	11/10/25 20:34	6010D	SW3050
7440-66-6	Zinc	80.8	*	1	0.24	2.04	mg/Kg	11/10/25 14:40	11/10/25 20:34	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