

Report of Analysis

Client: PSEG
Project: Sewaren Central Maintenance Shop
Client Sample ID: VNJ-245
Lab Sample ID: Q3381-03
Level (low/med): low

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3381
Matrix: SOIL
% Solid: 81.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9640		1	0.88	5.24	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-36-0	Antimony	0.74	JN	1	0.23	2.62	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-38-2	Arsenic	5.06		1	0.20	1.05	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-39-3	Barium	114		1	0.77	5.24	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-41-7	Beryllium	0.82		1	0.026	0.31	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-43-9	Cadmium	0.67		1	0.025	0.31	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-70-2	Calcium	1920		1	11.6	105	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-47-3	Chromium	15.5		1	0.049	0.52	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-48-4	Cobalt	9.93		1	0.11	1.57	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-50-8	Copper	33.1	N	1	0.23	1.05	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7439-89-6	Iron	17100		1	4.18	5.24	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7439-92-1	Lead	33.6		1	0.14	0.63	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7439-95-4	Magnesium	3030		1	12.6	105	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7439-96-5	Manganese	287		1	0.15	1.05	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7439-97-6	Mercury	0.044	N	1	0.0090	0.015	mg/Kg	10/20/25 09:20	10/20/25 16:08	7471B	7471B
7440-02-0	Nickel	19.4		1	0.14	2.09	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-09-7	Potassium	769		1	29.0	105	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7782-49-2	Selenium	0.35	JN	1	0.27	1.05	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-22-4	Silver	0.52	UN	1	0.13	0.52	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-23-5	Sodium	221		1	18.6	105	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-28-0	Thallium	2.09	U	1	0.24	2.09	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-62-2	Vanadium	21.2		1	0.26	2.09	mg/Kg	10/20/25 10:35	10/20/25 14:47	6010D	SW3050
7440-66-6	Zinc	101		1	0.24	2.09	mg/Kg	10/20/25 10:35	10/20/25 14:47	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