

Report of Analysis

Client: PSEG
Project: PSEG Kearny Switch
Client Sample ID: VNJ-231
Lab Sample ID: Q3621-02
Level (low/med): low

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3621
Matrix: SOIL
% Solid: 93.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5720		1	0.87	5.16	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-36-0	Antimony	2.58	UN	1	0.23	2.58	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-38-2	Arsenic	2.56		1	0.20	1.03	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-39-3	Barium	29.7	N	1	0.75	5.16	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-41-7	Beryllium	0.34		1	0.026	0.31	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-43-9	Cadmium	0.056	J	1	0.025	0.31	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-70-2	Calcium	739		1	11.5	103	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-47-3	Chromium	8.71		1	0.049	0.52	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-48-4	Cobalt	3.46		1	0.10	1.55	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-50-8	Copper	8.19		1	0.23	1.03	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7439-89-6	Iron	10200	*	1	4.12	5.16	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7439-92-1	Lead	12.9		1	0.13	0.62	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7439-95-4	Magnesium	1230		1	12.4	103	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7439-96-5	Manganese	154	*	1	0.14	1.03	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7439-97-6	Mercury	0.046	N	1	0.0080	0.014	mg/Kg	11/12/25 16:50	11/13/25 12:34	7471B	
7440-02-0	Nickel	8.18		1	0.13	2.07	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-09-7	Potassium	312	N	1	28.6	103	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7782-49-2	Selenium	1.03	UN	1	0.27	1.03	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-22-4	Silver	0.71		1	0.12	0.52	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-23-5	Sodium	78.9	JN*	1	18.4	103	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-28-0	Thallium	2.07	U	1	0.24	2.07	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-62-2	Vanadium	12.6	N	1	0.26	2.07	mg/Kg	11/13/25 10:55	11/13/25 16:24	6010D	SW3050
7440-66-6	Zinc	34.0	N*	1	0.24	2.07	mg/Kg	11/13/25 10:55	11/13/25 16:24	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