

Report of Analysis

Client: PSEG
Project: PSEG Roseland Switching Station
Client Sample ID: RT4912
Lab Sample ID: Q3582-04
Level (low/med): low

Date Collected: 11/07/25
Date Received: 11/07/25
SDG No.: Q3582
Matrix: SOIL
% Solid: 83.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7600		1	0.86	5.14	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-36-0	Antimony	0.75	JN	1	0.23	2.57	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-38-2	Arsenic	3.55		1	0.20	1.03	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-39-3	Barium	59.0		1	0.75	5.14	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-41-7	Beryllium	0.54		1	0.026	0.31	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-43-9	Cadmium	0.55		1	0.025	0.31	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-70-2	Calcium	11200		1	11.4	103	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-47-3	Chromium	27.5		1	0.048	0.51	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-48-4	Cobalt	7.94		1	0.10	1.54	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-50-8	Copper	32.1	N*	1	0.23	1.03	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7439-89-6	Iron	14600		1	4.10	5.14	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7439-92-1	Lead	89.6		1	0.13	0.62	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7439-95-4	Magnesium	3570		1	12.3	103	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7439-96-5	Manganese	434		1	0.14	1.03	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7439-97-6	Mercury	0.14		1	0.0090	0.016	mg/Kg	11/11/25 08:40	11/11/25 14:59	7471B	
7440-02-0	Nickel	17.3		1	0.13	2.06	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-09-7	Potassium	672		1	28.5	103	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7782-49-2	Selenium	0.27	UN	1	0.27	1.03	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-22-4	Silver	2.17	N	1	0.12	0.51	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-23-5	Sodium	627	N	1	18.3	103	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.06	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-62-2	Vanadium	25.0	N	1	0.26	2.06	mg/Kg	11/10/25 14:40	11/10/25 20:42	6010D	SW3050
7440-66-6	Zinc	170	*	1	0.24	2.06	mg/Kg	11/10/25 14:40	11/10/25 20:42	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