

Report of Analysis

Client: PSEG
Project: PSEG Fairlawn Switching Station
Client Sample ID: FAIRLAWN-GRAVEL
Lab Sample ID: Q3686-01
Level (low/med): low

Date Collected: 11/19/25
Date Received: 11/19/25
SDG No.: Q3686
Matrix: SOIL
% Solid: 100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	859		1	0.81	4.81	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-36-0	Antimony	0.21	U	1	0.21	2.40	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-38-2	Arsenic	0.90	J	1	0.18	0.96	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-39-3	Barium	18.3		1	0.70	4.81	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-41-7	Beryllium	0.17	J	1	0.024	0.29	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-43-9	Cadmium	0.81		1	0.023	0.29	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-70-2	Calcium	1830		1	10.7	96.2	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-47-3	Chromium	0.19	J	1	0.045	0.48	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-48-4	Cobalt	2.68		1	0.096	1.44	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-50-8	Copper	11.0		1	0.21	0.96	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7439-89-6	Iron	13400		1	3.84	4.81	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7439-92-1	Lead	1.75		1	0.13	0.58	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7439-95-4	Magnesium	468		1	11.5	96.2	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7439-96-5	Manganese	107		1	0.14	0.96	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.012	mg/Kg	11/20/25 08:55	11/20/25 12:56	7471B	M7471B
7440-02-0	Nickel	1.54	J	1	0.13	1.92	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-09-7	Potassium	325		1	26.6	96.2	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.96	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.48	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-23-5	Sodium	82.4	J	1	17.1	96.2	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.92	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-62-2	Vanadium	2.27		1	0.24	1.92	mg/Kg	11/20/25 10:40	11/21/25 15:05	6010D	SW3050
7440-66-6	Zinc	17.5		1	0.22	1.92	mg/Kg	11/20/25 10:40	11/21/25 15:05	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