

Report of Analysis

Client: PSEG
Project: Oradell Gas and Appliance Service (OR)
Client Sample ID: OR-02-120825
Lab Sample ID: Q3812-01
Level (low/med): low

Date Collected: 12/08/25
Date Received: 12/08/25
SDG No.: Q3812
Matrix: SOIL
% Solid: 91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8100		1	0.80	4.76	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-36-0	Antimony	0.21	U	1	0.21	2.38	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-38-2	Arsenic	1.97		1	0.18	0.95	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-39-3	Barium	40.7		1	0.70	4.76	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-41-7	Beryllium	0.37		1	0.024	0.28	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-43-9	Cadmium	0.48		1	0.023	0.28	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-70-2	Calcium	8350		1	10.6	95.1	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-47-3	Chromium	7.78		1	0.045	0.48	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-48-4	Cobalt	8.16		1	0.095	1.43	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-50-8	Copper	32.4		1	0.21	0.95	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7439-89-6	Iron	13500		1	3.80	4.76	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7439-92-1	Lead	15.8		1	0.12	0.57	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7439-95-4	Magnesium	3880		1	11.4	95.1	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7439-96-5	Manganese	281		1	0.13	0.95	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7439-97-6	Mercury	0.48	N	1	0.0070	0.013	mg/Kg	12/08/25 14:05	12/09/25 12:23	7471B	M7471B
7440-02-0	Nickel	15.5		1	0.12	1.90	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-09-7	Potassium	546		1	26.4	95.1	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.95	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-22-4	Silver	0.47	J	1	0.11	0.48	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-23-5	Sodium	810		1	16.9	95.1	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.90	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-62-2	Vanadium	25.9		1	0.24	1.90	mg/Kg	12/10/25 11:20	12/10/25 20:17	6010D	SW3050
7440-66-6	Zinc	31.0		1	0.22	1.90	mg/Kg	12/10/25 11:20	12/10/25 20:17	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