

Report of Analysis

Client: PSEG
Project: Orange Gas and Appliance Service (EO)
Client Sample ID: EO-02-103125
Lab Sample ID: Q3520-01
Level (low/med): low

Date Collected: 10/31/25
Date Received: 10/31/25
SDG No.: Q3520
Matrix: SOIL
% Solid: 91.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2950		1	0.80	4.77	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.39	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-38-2	Arsenic	1.34	N	1	0.18	0.96	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-39-3	Barium	14.8	N	1	0.70	4.77	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-41-7	Beryllium	0.38	N	1	0.024	0.29	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-43-9	Cadmium	0.46		1	0.023	0.29	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-70-2	Calcium	1540		1	10.6	95.5	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-47-3	Chromium	4.72	N	1	0.045	0.48	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-48-4	Cobalt	5.39		1	0.095	1.43	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-50-8	Copper	7.86		1	0.21	0.96	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7439-89-6	Iron	9250		1	3.81	4.77	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7439-92-1	Lead	7.34		1	0.12	0.57	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7439-95-4	Magnesium	1150		1	11.5	95.5	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7439-96-5	Manganese	92.2		1	0.13	0.96	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7439-97-6	Mercury	0.011	JN	1	0.0080	0.014	mg/Kg	11/03/25 11:40	11/03/25 15:08	7471B	
7440-02-0	Nickel	7.21		1	0.12	1.91	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-09-7	Potassium	499		1	26.4	95.5	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7782-49-2	Selenium	0.25	UN	1	0.25	0.96	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-22-4	Silver	0.16	JN	1	0.12	0.48	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-23-5	Sodium	173	N	1	17.0	95.5	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.91	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-62-2	Vanadium	11.5	N*	1	0.24	1.91	mg/Kg	11/03/25 10:32	11/04/25 14:40	6010D	SW3050
7440-66-6	Zinc	12.4		1	0.22	1.91	mg/Kg	11/03/25 10:32	11/04/25 14:40	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