

Report of Analysis

Client: PSEG
Project: Orange Gas and Appliance Service (EO)
Client Sample ID: EO-03-110625
Lab Sample ID: Q3562-01
Level (low/med): low

Date Collected: 11/06/25
Date Received: 11/06/25
SDG No.: Q3562
Matrix: SOIL
% Solid: 92.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4990		1	0.81	4.85	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-36-0	Antimony	2.42	U	1	0.21	2.42	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-38-2	Arsenic	2.62		1	0.18	0.97	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-39-3	Barium	21.1		1	0.71	4.85	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-41-7	Beryllium	0.50		1	0.024	0.29	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-43-9	Cadmium	0.63		1	0.023	0.29	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-70-2	Calcium	2050		1	10.8	96.9	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-47-3	Chromium	7.00		1	0.046	0.49	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-48-4	Cobalt	7.19		1	0.097	1.45	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-50-8	Copper	15.8		1	0.21	0.97	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7439-89-6	Iron	14700		1	3.87	4.85	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7439-92-1	Lead	11.7		1	0.13	0.58	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7439-95-4	Magnesium	1570		1	11.6	96.9	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7439-96-5	Manganese	173		1	0.14	0.97	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7439-97-6	Mercury	0.024		1	0.0080	0.014	mg/Kg	11/10/25 08:28	11/10/25 10:31	7471B	
7440-02-0	Nickel	10.6		1	0.13	1.94	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-09-7	Potassium	481		1	26.9	96.9	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7782-49-2	Selenium	0.97	U	1	0.25	0.97	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-22-4	Silver	0.49	U	1	0.12	0.49	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-23-5	Sodium	257		1	17.3	96.9	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-28-0	Thallium	1.94	U	1	0.22	1.94	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-62-2	Vanadium	21.0		1	0.24	1.94	mg/Kg	11/10/25 10:45	11/10/25 12:51	6010D	SW3050
7440-66-6	Zinc	22.9		1	0.22	1.94	mg/Kg	11/10/25 10:45	11/10/25 12:51	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