

Report of Analysis

Client: PSEG
Project: PSEG Orange Gas
Client Sample ID: RBR200028-RT5376-COMP
Lab Sample ID: Q3710-01
Level (low/med): low

Date Collected: 11/21/25
Date Received: 11/21/25
SDG No.: Q3710
Matrix: SOIL
% Solid: 88.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4700		1	0.83	4.94	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-36-0	Antimony	2.47	U	1	0.22	2.47	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-38-2	Arsenic	1.46		1	0.19	0.99	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-39-3	Barium	17.7		1	0.72	4.94	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-41-7	Beryllium	0.38		1	0.025	0.30	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-43-9	Cadmium	0.60		1	0.024	0.30	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-70-2	Calcium	1830		1	11.0	98.9	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-47-3	Chromium	6.47		1	0.046	0.49	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-48-4	Cobalt	4.15		1	0.099	1.48	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-50-8	Copper	11.1		1	0.22	0.99	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7439-89-6	Iron	9140		1	3.95	4.94	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7439-92-1	Lead	21.6		1	0.13	0.59	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7439-95-4	Magnesium	1230		1	11.9	98.9	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7439-96-5	Manganese	95.3		1	0.14	0.99	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7439-97-6	Mercury	0.11		1	0.0080	0.015	mg/Kg	11/24/25 09:05	11/24/25 12:32	7471B	M7471B
7440-02-0	Nickel	7.25		1	0.13	1.98	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-09-7	Potassium	422		1	27.4	98.9	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7782-49-2	Selenium	0.99	U	1	0.26	0.99	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-22-4	Silver	0.49	U	1	0.12	0.49	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-23-5	Sodium	199		1	17.6	98.9	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-28-0	Thallium	0.47	J	1	0.23	1.98	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-62-2	Vanadium	12.9		1	0.25	1.98	mg/Kg	11/24/25 13:55	11/24/25 15:33	6010D	SW3050
7440-66-6	Zinc	29.3		1	0.23	1.98	mg/Kg	11/24/25 13:55	11/24/25 15:33	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