

Report of Analysis

Client: PSEG
Project: PSEG Orange Gas
Client Sample ID: WELD-SHOP-EXCAVATION
Lab Sample ID: Q3710-05
Level (low/med): low

Date Collected: 11/21/25
Date Received: 11/21/25
SDG No.: Q3710
Matrix: SOIL
% Solid: 91.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4770		1	0.76	4.54	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-36-0	Antimony	2.27	U	1	0.20	2.27	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-38-2	Arsenic	4.89		1	0.17	0.91	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-39-3	Barium	40.6		1	0.66	4.54	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-41-7	Beryllium	0.42		1	0.023	0.27	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-43-9	Cadmium	1.34		1	0.022	0.27	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-70-2	Calcium	5970		1	10.1	90.9	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-47-3	Chromium	6.35		1	0.043	0.45	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-48-4	Cobalt	6.78		1	0.091	1.36	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-50-8	Copper	20.7		1	0.20	0.91	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7439-89-6	Iron	12800		1	3.63	4.54	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7439-92-1	Lead	71.6		1	0.12	0.55	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7439-95-4	Magnesium	2600		1	10.9	90.9	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7439-96-5	Manganese	151		1	0.13	0.91	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7439-97-6	Mercury	1.31	D	5	0.036	0.065	mg/Kg	11/24/25 09:05	11/24/25 13:11	7471B	M7471B
7440-02-0	Nickel	10.4		1	0.12	1.82	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-09-7	Potassium	899		1	25.2	90.9	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7782-49-2	Selenium	0.91	U	1	0.24	0.91	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-22-4	Silver	0.45	U	1	0.11	0.45	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-23-5	Sodium	432		1	16.2	90.9	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-28-0	Thallium	1.82	U	1	0.21	1.82	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-62-2	Vanadium	16.6		1	0.23	1.82	mg/Kg	11/24/25 13:55	11/24/25 16:08	6010D	SW3050
7440-66-6	Zinc	98.5		1	0.21	1.82	mg/Kg	11/24/25 13:55	11/24/25 16:08	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