

Report of Analysis

Client:	PSEG	Date Collected:	09/26/25
Project:	Orange Gas	Date Received:	09/26/25
Client Sample ID:	WC-2	SDG No.:	Q3231
Lab Sample ID:	Q3231-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3100		1	0.89	5.29	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-36-0	Antimony	2.64	UN	1	0.23	2.64	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-38-2	Arsenic	3.69		1	0.20	1.06	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-39-3	Barium	32.8	*	1	0.77	5.29	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-41-7	Beryllium	0.46		1	0.026	0.32	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-43-9	Cadmium	0.34	N	1	0.025	0.32	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-70-2	Calcium	1280	*	1	11.7	106	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-47-3	Chromium	5.58		1	0.050	0.53	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-48-4	Cobalt	2.88		1	0.11	1.59	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-50-8	Copper	41.2	N*	1	0.23	1.06	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7439-89-6	Iron	11700		1	4.22	5.29	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7439-92-1	Lead	149	*	1	0.14	0.63	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7439-95-4	Magnesium	706		1	12.7	106	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7439-96-5	Manganese	137		1	0.15	1.06	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7439-97-6	Mercury	0.72		1	0.0080	0.015	mg/Kg	09/29/25 16:00	09/30/25 10:37	7471B	
7440-02-0	Nickel	6.36		1	0.14	2.11	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-09-7	Potassium	264		1	29.3	106	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7782-49-2	Selenium	0.36	J	1	0.28	1.06	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-22-4	Silver	0.53	U	1	0.13	0.53	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-23-5	Sodium	64.3	JN	1	18.8	106	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-28-0	Thallium	2.11	U	1	0.24	2.11	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-62-2	Vanadium	9.60	N	1	0.26	2.11	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050
7440-66-6	Zinc	163	*	1	0.24	2.11	mg/Kg	09/29/25 10:20	09/30/25 18:23	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS TAL+CN			

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