

Report of Analysis

Client:	PSEG	Date Collected:	09/26/25
Project:	Orange Gas	Date Received:	09/26/25
Client Sample ID:	WC-1	SDG No.:	Q3231
Lab Sample ID:	Q3231-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3260		1	0.86	5.11	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-36-0	Antimony	2.55	UN	1	0.23	2.55	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-38-2	Arsenic	4.22		1	0.19	1.02	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-39-3	Barium	50.6	*	1	0.75	5.11	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-41-7	Beryllium	0.44		1	0.026	0.31	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-43-9	Cadmium	3.59	N	1	0.025	0.31	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-70-2	Calcium	1310	*	1	11.3	102	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-47-3	Chromium	6.48		1	0.048	0.51	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-48-4	Cobalt	3.22		1	0.10	1.53	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-50-8	Copper	51.7	N*	1	0.23	1.02	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7439-89-6	Iron	11400		1	4.08	5.11	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7439-92-1	Lead	232	*	1	0.13	0.61	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7439-95-4	Magnesium	762		1	12.3	102	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7439-96-5	Manganese	201		1	0.14	1.02	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7439-97-6	Mercury	1.34	D	5	0.041	0.074	mg/Kg	09/29/25 16:00	09/30/25 11:15	7471B	
7440-02-0	Nickel	8.38		1	0.13	2.04	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-09-7	Potassium	281		1	28.3	102	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7782-49-2	Selenium	0.28	J	1	0.27	1.02	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-22-4	Silver	0.51	U	1	0.12	0.51	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-23-5	Sodium	80.4	JN	1	18.2	102	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-28-0	Thallium	2.04	U	1	0.24	2.04	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-62-2	Vanadium	10.5	N	1	0.26	2.04	mg/Kg	09/29/25 10:20	09/30/25 17:51	6010D	SW3050
7440-66-6	Zinc	1000	*	1	0.24	2.04	mg/Kg	09/29/25 10:20	09/30/25 17:51	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