

Report of Analysis

Client:	PSEG	Date Collected:	09/26/25
Project:	Orange Gas	Date Received:	09/26/25
Client Sample ID:	WC-4	SDG No.:	Q3231
Lab Sample ID:	Q3231-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5360		1	0.83	4.95	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-36-0	Antimony	2.47	UN	1	0.22	2.47	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-38-2	Arsenic	1.99		1	0.19	0.99	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-39-3	Barium	17.4	*	1	0.72	4.95	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-41-7	Beryllium	0.37		1	0.025	0.30	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-43-9	Cadmium	0.30	UN	1	0.024	0.30	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-70-2	Calcium	746	*	1	11.0	99.0	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-47-3	Chromium	6.28		1	0.047	0.50	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-48-4	Cobalt	4.43		1	0.099	1.48	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-50-8	Copper	22.4	N*	1	0.22	0.99	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7439-89-6	Iron	9430		1	3.95	4.95	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7439-92-1	Lead	26.2	*	1	0.13	0.59	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7439-95-4	Magnesium	881		1	11.9	99.0	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7439-96-5	Manganese	230		1	0.14	0.99	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7439-97-6	Mercury	0.20		1	0.0080	0.015	mg/Kg	09/29/25 16:00	09/30/25 10:43	7471B	
7440-02-0	Nickel	6.40		1	0.13	1.98	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-09-7	Potassium	334		1	27.4	99.0	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7782-49-2	Selenium	0.31	J	1	0.26	0.99	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-22-4	Silver	0.50	U	1	0.12	0.50	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-23-5	Sodium	859	N	1	17.6	99.0	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-28-0	Thallium	0.32	J	1	0.23	1.98	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-62-2	Vanadium	12.0	N	1	0.25	1.98	mg/Kg	09/29/25 10:20	09/30/25 18:31	6010D	SW3050
7440-66-6	Zinc	26.9	*	1	0.23	1.98	mg/Kg	09/29/25 10:20	09/30/25 18:31	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