

Report of Analysis

Client:	PSEG	Date Collected:	09/26/25
Project:	Orange Gas	Date Received:	09/26/25
Client Sample ID:	WC-3	SDG No.:	Q3231
Lab Sample ID:	Q3231-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7230		1	0.84	4.98	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-36-0	Antimony	1.18	JN	1	0.22	2.49	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-38-2	Arsenic	4.70		1	0.19	1.00	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-39-3	Barium	170	*	1	0.73	4.98	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-41-7	Beryllium	0.60		1	0.025	0.30	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-43-9	Cadmium	1.01	N	1	0.024	0.30	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-70-2	Calcium	43500	*	1	11.1	99.6	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-47-3	Chromium	222		1	0.047	0.50	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-48-4	Cobalt	6.49		1	0.10	1.49	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-50-8	Copper	41.7	N*	1	0.22	1.00	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7439-89-6	Iron	16700		1	3.97	4.98	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7439-92-1	Lead	1230	*	1	0.13	0.60	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7439-95-4	Magnesium	7480		1	12.0	99.6	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7439-96-5	Manganese	243		1	0.14	1.00	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7439-97-6	Mercury	0.14		1	0.0080	0.014	mg/Kg	09/29/25 16:00	09/30/25 10:40	7471B	
7440-02-0	Nickel	19.6		1	0.13	1.99	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-09-7	Potassium	841		1	27.6	99.6	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7782-49-2	Selenium	1.00	U	1	0.26	1.00	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-22-4	Silver	0.50	U	1	0.12	0.50	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-23-5	Sodium	1440	N	1	17.7	99.6	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-28-0	Thallium	1.99	U	1	0.23	1.99	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-62-2	Vanadium	20.0	N	1	0.25	1.99	mg/Kg	09/29/25 10:20	09/30/25 18:27	6010D	SW3050
7440-66-6	Zinc	331	*	1	0.23	1.99	mg/Kg	09/29/25 10:20	09/30/25 18:27	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