

Report of Analysis

Client:	PSEG	Date Collected:	09/26/25
Project:	Orange Gas	Date Received:	09/26/25
Client Sample ID:	CONC-1	SDG No.:	Q3232
Lab Sample ID:	Q3232-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6380		1	0.71	4.24	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-36-0	Antimony	0.83	J	1	0.19	2.12	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-38-2	Arsenic	3.32		1	0.16	0.85	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-39-3	Barium	83.0		1	0.62	4.24	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-41-7	Beryllium	0.51		1	0.021	0.25	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-43-9	Cadmium	0.37		1	0.020	0.25	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-70-2	Calcium	33900		1	9.41	84.7	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-47-3	Chromium	169		1	0.040	0.42	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-48-4	Cobalt	4.21		1	0.085	1.27	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-50-8	Copper	30.5		1	0.19	0.85	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7439-89-6	Iron	13300		1	3.38	4.24	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7439-92-1	Lead	815		1	0.11	0.51	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7439-95-4	Magnesium	2400		1	10.2	84.7	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7439-96-5	Manganese	180		1	0.12	0.85	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7439-97-6	Mercury	0.062		1	0.0070	0.012	mg/Kg	09/29/25 16:00	09/30/25 10:45	7471B	
7440-02-0	Nickel	9.13		1	0.11	1.69	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-09-7	Potassium	408		1	23.5	84.7	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7782-49-2	Selenium	0.85	U	1	0.22	0.85	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-22-4	Silver	0.42	U	1	0.10	0.42	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-23-5	Sodium	1290		1	15.1	84.7	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-28-0	Thallium	1.69	U	1	0.20	1.69	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-62-2	Vanadium	13.0		1	0.21	1.69	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050
7440-66-6	Zinc	173		1	0.20	1.69	mg/Kg	09/29/25 10:20	09/30/25 19:03	6010D	SW3050

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

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