

Report of Analysis

Client:	PSEG	Date Collected:	07/02/25
Project:	Orange Gas	Date Received:	07/02/25
Client Sample ID:	EO-1-070225	SDG No.:	Q2491
Lab Sample ID:	Q2491-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5560		1	0.81	4.81	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-36-0	Antimony	0.22	J	1	0.21	2.41	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-38-2	Arsenic	1.11		1	0.18	0.96	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-39-3	Barium	24.8		1	0.70	4.81	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-41-7	Beryllium	0.30		1	0.024	0.29	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-43-9	Cadmium	0.087	J	1	0.023	0.29	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-70-2	Calcium	2620		1	10.7	96.2	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-47-3	Chromium	6.84		1	0.045	0.48	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-48-4	Cobalt	5.29		1	0.096	1.44	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-50-8	Copper	14.3		1	0.21	0.96	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7439-89-6	Iron	12500		1	3.84	4.81	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7439-92-1	Lead	12.4		1	0.13	0.58	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7439-95-4	Magnesium	1480		1	11.5	96.2	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7439-96-5	Manganese	187		1	0.14	0.96	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7439-97-6	Mercury	0.033		1	0.0070	0.013	mg/Kg	07/07/25 10:52	07/07/25 12:19	7471B	
7440-02-0	Nickel	9.94		1	0.13	1.92	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-09-7	Potassium	456		1	26.6	96.2	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7782-49-2	Selenium	0.47	J	1	0.25	0.96	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.48	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-23-5	Sodium	470		1	17.1	96.2	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.92	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-62-2	Vanadium	18.5		1	0.24	1.92	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050
7440-66-6	Zinc	23.2		1	0.22	1.92	mg/Kg	07/03/25 10:45	07/07/25 14:46	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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