

Report of Analysis

Client:	PSEG	Date Collected:	09/30/25
Project:	Orange Gas	Date Received:	09/30/25
Client Sample ID:	SOIL-PILE-2-WC	SDG No.:	Q3256
Lab Sample ID:	Q3256-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6600		1	0.81	4.81	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-36-0	Antimony	2.40	UN	1	0.21	2.40	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-38-2	Arsenic	5.79		1	0.18	0.96	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-39-3	Barium	69.7		1	0.70	4.81	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-41-7	Beryllium	0.92		1	0.024	0.29	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-43-9	Cadmium	0.65		1	0.023	0.29	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-70-2	Calcium	7720		1	10.7	96.2	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-47-3	Chromium	13.9	N*	1	0.045	0.48	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-48-4	Cobalt	4.97		1	0.096	1.44	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-50-8	Copper	41.2		1	0.21	0.96	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7439-89-6	Iron	12500	*	1	3.84	4.81	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7439-92-1	Lead	300	N	1	0.13	0.58	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7439-95-4	Magnesium	1390		1	11.5	96.2	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7439-96-5	Manganese	221		1	0.14	0.96	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7439-97-6	Mercury	0.92	D	2	0.017	0.031	mg/Kg	09/30/25 16:30	10/01/25 10:04	7471B	
7440-02-0	Nickel	12.6		1	0.13	1.92	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-09-7	Potassium	483		1	26.6	96.2	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7782-49-2	Selenium	0.96	U	1	0.25	0.96	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-22-4	Silver	0.48	UN	1	0.12	0.48	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-23-5	Sodium	986		1	17.1	96.2	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-28-0	Thallium	1.92	U	1	0.22	1.92	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-62-2	Vanadium	17.5		1	0.24	1.92	mg/Kg	10/01/25 10:40	10/02/25 14:22	6010D	SW3050
7440-66-6	Zinc	192		1	0.22	1.92	mg/Kg	10/01/25 10:40	10/02/25 14:22	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