

Report of Analysis

Client:	PSEG	Date Collected:	10/06/25
Project:	Orange Gas	Date Received:	10/06/25
Client Sample ID:	CONC-STORAGE-PAD-1	SDG No.:	Q3293
Lab Sample ID:	Q3293-01	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	3090		1	0.73	4.33	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-36-0	Antimony	2.16	UN	1	0.19	2.16	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-38-2	Arsenic	8.89		1	0.17	0.87	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-39-3	Barium	23.2		1	0.63	4.33	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-41-7	Beryllium	0.26	N	1	0.022	0.26	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-43-9	Cadmium	0.90		1	0.021	0.26	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-70-2	Calcium	38300		1	9.61	86.6	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-47-3	Chromium	5.82		1	0.041	0.43	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-48-4	Cobalt	6.58		1	0.087	1.30	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-50-8	Copper	49.3		1	0.19	0.87	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7439-89-6	Iron	6810	*	1	3.45	4.33	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7439-92-1	Lead	24.3		1	0.11	0.52	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7439-95-4	Magnesium	1420		1	10.4	86.6	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7439-96-5	Manganese	43.8		1	0.12	0.87	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7439-97-6	Mercury	0.088		1	0.0070	0.012	mg/Kg	10/07/25 11:30	10/07/25 15:00	7471B	
7440-02-0	Nickel	8.99		1	0.11	1.73	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-09-7	Potassium	1260	N	1	24.0	86.6	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7782-49-2	Selenium	0.87	UN	1	0.23	0.87	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-22-4	Silver	1.38	N	1	0.10	0.43	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-23-5	Sodium	2260		1	15.4	86.6	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-28-0	Thallium	1.73	U	1	0.20	1.73	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-62-2	Vanadium	7.73		1	0.22	1.73	mg/Kg	10/07/25 09:45	10/08/25 14:27	6010D	SW3050
7440-66-6	Zinc	88.4	N	1	0.20	1.73	mg/Kg	10/07/25 09:45	10/08/25 14:27	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