

Report of Analysis

Client:	PSEG	Date Collected:	03/25/25
Project:	Oradell Gas	Date Received:	03/25/25
Client Sample ID:	12325-C	SDG No.:	Q1644
Lab Sample ID:	Q1644-02	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	345		1	2.10	4.35	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-36-0	Antimony	75.5	N	1	0.13	2.17	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-38-2	Arsenic	0.87	U	1	0.25	0.87	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-39-3	Barium	12.8		1	0.56	4.35	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-41-7	Beryllium	0.035	JN	1	0.010	0.26	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-43-9	Cadmium	0.26	UN	1	0.014	0.26	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-70-2	Calcium	475		1	2.43	87.0	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-47-3	Chromium	5.43		1	0.047	0.44	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-48-4	Cobalt	0.66	J	1	0.050	1.30	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-50-8	Copper	9.12		1	0.41	0.87	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7439-89-6	Iron	1410		1	2.34	4.35	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7439-92-1	Lead	1.87		1	0.13	0.52	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7439-95-4	Magnesium	193		1	2.98	87.0	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7439-96-5	Manganese	15.2		1	0.062	0.87	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7439-97-6	Mercury	0.012	U	1	0.0070	0.012	mg/Kg	03/26/25 11:52	03/27/25 15:35	SW7471B	
7440-02-0	Nickel	4.47		1	0.078	1.74	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-09-7	Potassium	163		1	25.0	87.0	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7782-49-2	Selenium	0.87	UN	1	0.29	0.87	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-22-4	Silver	0.42	JN	1	0.045	0.44	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-23-5	Sodium	419		1	31.4	87.0	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-28-0	Thallium	0.60	JN	1	0.38	1.74	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-62-2	Vanadium	1.56	JN	1	0.24	1.74	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050
7440-66-6	Zinc	265		1	0.096	1.74	mg/Kg	03/26/25 08:45	03/26/25 17:14	SW6010	SW3050

Color Before:	White	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
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