

Report of Analysis

Client:	PSEG	Date Collected:	03/25/25
Project:	Oradell Gas	Date Received:	03/25/25
Client Sample ID:	031925	SDG No.:	Q1644
Lab Sample ID:	Q1644-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	237		1	28.3	50.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-36-0	Antimony	6.31	J	1	2.06	25.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-38-2	Arsenic	6.01	J	1	3.48	10.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-39-3	Barium	51.9		1	6.28	50.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-41-7	Beryllium	3.00	U	1	0.13	3.00	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-43-9	Cadmium	3.00	U	1	0.094	3.00	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-70-2	Calcium	112000		1	33.0	1000	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-47-3	Chromium	2.60	J	1	0.66	5.00	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-48-4	Cobalt	0.55	J	1	0.50	15.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-50-8	Copper	7.10	J	1	7.07	10.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7439-89-6	Iron	319		1	18.5	50.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7439-92-1	Lead	6.00	U	1	3.51	6.00	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7439-95-4	Magnesium	7930		1	39.4	1000	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7439-96-5	Manganese	39.7	N	1	1.46	10.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7439-97-6	Mercury	0.20	UN	1	0.076	0.20	ug/L	03/26/25 15:15	03/27/25 12:52	SW7470A	
7439-98-7	Molybdenum	50.1	J	1	3.67	100	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-02-0	Nickel	6.10	J	1	0.85	20.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-09-7	Potassium	16500		1	685	1000	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7782-49-2	Selenium	10.0	U	1	5.88	10.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-22-4	Silver	5.00	U	1	0.58	5.00	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-23-5	Sodium	561000		1	237	1000	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-28-0	Thallium	20.0	U	1	2.32	20.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-62-2	Vanadium	19.5	J	1	3.06	20.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010
7440-66-6	Zinc	5.74	J	1	1.75	20.0	ug/L	03/27/25 10:05	03/28/25 11:52	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Full Aqueous WC-POTW			

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