

Report of Analysis

Client:	PSEG	Date Collected:	12/20/24
Project:	Trenton Gas District	Date Received:	12/20/24
Client Sample ID:	GAS-TRE-1114	SDG No.:	P5377
Lab Sample ID:	P5377-02	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	250	UD	5	142	250	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-36-0	Antimony	125	UD	5	10.3	125	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-38-2	Arsenic	50.0	UD	5	17.4	50.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-39-3	Barium	84.1	JD	5	31.4	250	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-41-7	Beryllium	15.0	UD	5	0.65	15.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-43-9	Cadmium	15.0	UD	5	0.47	15.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-70-2	Calcium	929	JD	5	165	5000	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-47-3	Chromium	25.0	UD	5	3.30	25.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-48-4	Cobalt	75.0	UD	5	2.50	75.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-50-8	Copper	50.0	UD	5	35.4	50.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7439-89-6	Iron	1810	D	5	92.5	250	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7439-92-1	Lead	30.0	UD	5	17.6	30.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7439-95-4	Magnesium	257	JD	5	197	5000	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7439-96-5	Manganese	31.1	JD	5	7.30	50.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7439-97-6	Mercury	0.20	U	1	0.081	0.20	ug/L	12/23/24 08:46	12/23/24 13:46	SW7470A	
7440-02-0	Nickel	100	UD	5	4.25	100	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-09-7	Potassium	85200	D	5	3430	5000	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7782-49-2	Selenium	1260	D	5	29.4	50.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-22-4	Silver	25.0	UD	5	2.90	25.0	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-23-5	Sodium	20900	D	5	1190	5000	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-28-0	Thallium	78.9	JD	5	11.6	100	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-62-2	Vanadium	100	UD	5	15.3	100	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010
7440-66-6	Zinc	338	D	5	8.75	100	ug/L	12/27/24 10:00	12/30/24 18:02	SW6010	SW3010

Color Before:	White	Clarity Before:	Cloudy	Texture:
Color After:	Yellow	Clarity After:	Cloudy	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