

Report of Analysis

Client:	PSEG	Date Collected:	07/01/25
Project:	Plainfield Gas District	Date Received:	07/01/25
Client Sample ID:	50728	SDG No.:	Q2477
Lab Sample ID:	Q2477-01	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	1950		1	11.3	100	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-36-0	Antimony	50.0	U	1	6.76	50.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-38-2	Arsenic	20.0	U	1	5.12	20.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-39-3	Barium	435		1	14.6	100	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-41-7	Beryllium	6.00	U	1	0.56	6.00	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-43-9	Cadmium	6.00	U	1	0.50	6.00	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-70-2	Calcium	5540		1	234	2000	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-47-3	Chromium	10.0	U	1	2.12	10.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-48-4	Cobalt	3.24	J	1	2.26	30.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-50-8	Copper	48.5		1	4.60	20.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7439-89-6	Iron	7070	N*	1	23.4	100	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7439-92-1	Lead	12.0	U	1	2.30	12.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7439-95-4	Magnesium	1340	J	1	244	2000	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7439-96-5	Manganese	808		1	5.94	20.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7439-97-6	Mercury	0.20	UN	1	0.076	0.20	ug/L	07/08/25 13:53	07/08/25 15:00	7470A	
7440-02-0	Nickel	3.76	J	1	3.06	40.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-09-7	Potassium	2950		1	918	2000	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7782-49-2	Selenium	20.0	U	1	9.64	20.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-22-4	Silver	10.0	U	1	1.62	10.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-23-5	Sodium	10900	N	1	868	2000	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-28-0	Thallium	40.0	U	1	4.38	40.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-62-2	Vanadium	40.0	U	1	6.26	40.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010
7440-66-6	Zinc	41.6		1	3.50	40.0	ug/L	07/07/25 14:05	07/09/25 12:10	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

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