

Report of Analysis

Client: PSEG

Project: PSEG Plainfield Gas

Client Sample ID: 50831

Lab Sample ID: Q3518-02

Level (low/med): low

Date Collected: 10/31/25

Date Received: 10/31/25

SDG No.: Q3518

Matrix: Water

% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17.1	JD	5	9.70	100	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-36-0	Antimony	10.0	UD	5	0.55	10.0	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-38-2	Arsenic	3.45	JD*	5	0.45	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-39-3	Barium	395	D	5	1.05	50.0	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-41-7	Beryllium	5.00	UD	5	1.60	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-43-9	Cadmium	5.00	UD	5	1.70	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-70-2	Calcium	17300	D	5	229	2500	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-47-3	Chromium	10.0	UD	5	1.05	10.0	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-48-4	Cobalt	0.65	JD	5	0.35	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-50-8	Copper	10.0	UD	5	1.50	10.0	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7439-89-6	Iron	4430	D	5	39.1	250	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7439-92-1	Lead	5.00	UD	5	1.05	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7439-95-4	Magnesium	1440	JD	5	97.5	2500	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7439-96-5	Manganese	2000	D	5	2.15	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7439-97-6	Mercury	0.20	U	1	0.076	0.20	ug/L	11/03/25 13:30	11/04/25 08:55	7470A	M7470A
7440-02-0	Nickel	3.45	JD	5	1.35	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-09-7	Potassium	3490	D	5	182	2500	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7782-49-2	Selenium	22.3	JD	5	14.5	25.0	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-22-4	Silver	5.00	UDN5		0.30	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-23-5	Sodium	5670	D	5	640	2500	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-28-0	Thallium	5.00	UD	5	0.30	5.00	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-62-2	Vanadium	25.0	UD	5	0.39	25.0	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A
7440-66-6	Zinc	35200	D	5	6.25	25.0	ug/L	11/03/25 10:50	11/04/25 20:14	6020B	3010A

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