

Report of Analysis

Client: PSEG
Project: Somerset HQ
Client Sample ID: 159
Lab Sample ID: Q3472-19
Level (low/med): low

Date Collected: 10/27/25
Date Received: 10/27/25
SDG No.: Q3472
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	76700	D	5	9.70	100	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-36-0	Antimony	11.6	D	5	0.55	10.0	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-38-2	Arsenic	138	DN	5	0.45	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-39-3	Barium	140	D	5	1.05	50.0	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-41-7	Beryllium	5.00	UD	5	1.60	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-43-9	Cadmium	46.5	D	5	1.70	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-70-2	Calcium	7410	D	5	229	2500	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-47-3	Chromium	55.9	D	5	1.05	10.0	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-48-4	Cobalt	2.90	JD	5	0.35	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-50-8	Copper	1690	D	5	1.50	10.0	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7439-89-6	Iron	21700	D	5	39.1	250	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7439-92-1	Lead	17.4	D	5	1.05	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7439-95-4	Magnesium	6090	DN	5	97.5	2500	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7439-96-5	Manganese	3570	D	5	2.15	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7439-97-6	Mercury	0.20	UN	1	0.076	0.20	ug/L	10/28/25 14:30	10/30/25 11:52	7470A	
7440-02-0	Nickel	24.3	D	5	1.35	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-09-7	Potassium	2000000	D	25	910	12500	ug/L	10/28/25 10:20	10/29/25 00:41	6020B	3010A
7782-49-2	Selenium	155	DN	5	14.5	25.0	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-22-4	Silver	1.20	JDN	5	0.30	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-23-5	Sodium	2900000	D	25	3200	12500	ug/L	10/28/25 10:20	10/29/25 00:41	6020B	3010A
7440-28-0	Thallium	1.60	JD	5	0.30	5.00	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-62-2	Vanadium	24.0	JD	5	0.39	25.0	ug/L	10/28/25 10:20	10/29/25 00:02	6020B	3010A
7440-66-6	Zinc	3560	D	5	6.25	25.0	ug/L	10/28/25 10:20	10/29/25 00:02	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