



CONCORD PUBLIC WORKS
Water/Sewer Division
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2025 SOURCE WATER QUALITY SUMMARY

PARAMETER	EPA GUIDELINE	NAGOG POND*	2ND DIVISION WELL	DEACONESS TREATMENT FACILITY**	JENNIE DUGAN WELL	ROBINSON WELL	HUGH CARGILL WELL	TOWN AVERAGE
pH	No EPA standard	7.6	7.6	7.4	7.6	7.6	7.7	7.6
Fluoride (average)	4	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Nitrate (NO3-N)	10	0.1	2.2	0.6	2.5	0.5	1.2	1.2
Nitrite (NO2-N)	1	NT	NT	NT	NT	NT	NT	-
Sodium	No EPA standard	38	43	33	45	23	100	47
Hardness	No EPA standard	21	58	63	83	105	117	75
Alkalinity	No EPA standard	16	58	75	58	65	83	59
Calcium	No EPA standard	6	17	18	24	29	32	21
Magnesium	No EPA standard	1.5	3.7	4.4	5.6	8.3	8.8	5.4
Chloride	250	64	88	67	105	85	213	104
Copper	1	0.068	ND	0.071	0.020	ND	ND	0.027
Iron	0.30	0.17	0.11	0.17	0.09	0.05	ND	0.10
Manganese	0.050	0.020	0.022	0.005	0.009	0.056	0.003	0.019
Potassium	No EPA standard	6.2	35	42	32	27	41	30.6
Silver	0.1	ND	ND	ND	ND	ND	ND	-
Sulfate	250	ND	21	32	18	36	30	22.7
Total Dissolved Solids	500	164	251	247	287	277	523	292
Turbidity	1	0.65	0.33	0.48	0.14	0.22	ND	0.30
Zinc	5	0.027	0.055	0.057	0.042	0.050	0.057	0.048

Hardness: In 2025 the average hardness level of Concord's drinking water was **75 ppm or 4.4 grains per gallon**. This is considered moderately hard water.

*Nagog Pond was not in operation in 2025, data is from 2024

**White Pond and Deaconess Wells are combined and treated at Deaconess Treatment Facility

TERMS AND ABBREVIATIONS

All units measured in ppm (parts per million), also known as milligrams per liter (mg/L)

ND = None Detected

NT = Not Tested (Next test in 2026)

Turbidity: a measurement of the cloudiness of the water.

Updated: 1/6/2026