



CONCORD PUBLIC WORKS										
Water/Sewer Division										
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2020 SOURCE WATER QUALITY SUMMARY

PARAMETER	EPA GUIDELINE	NAGOG POND	2ND DIVISION WELL	DEACONESS TREATMENT FACILITY	DEACONESS WELLS	WHITE POND WELLS	JENNIE DUGAN WELL	ROBINSON WELL	HUGH CARGILL WELL	TOWN AVERAGE
pH (average)	No EPA standard	6.7	7.2	7.2	Combined at		7.2	7.2	7.2	7.1
Fluoride (average)	4*	0.7	0.7	0.7	Deaconess Treatment Facility		0.7	0.7	0.7	0.7
Nitrate (NO3-N)	10	0.1	2.2	See Deaconess Well and White Pond Well for individual well results	1.0	0.2	2.4	0.4	1.8	1.1
Nitrite (NO2-N)	1	ND	ND		ND	ND	ND	ND	ND	ND
Sodium	No EPA standard	40	42		42	20	44	28	110	47
Hardness	No EPA standard	25	64		76	57	82	106	127	77
Alkalinity	No EPA standard	20	60		93	48	68	65	90	63
Calcium	No EPA standard	7	18.8		21	17	24	29	35	22
Magnesium	No EPA standard	1.7	4.1		5.4	3.9	5.7	8.6	9.7	5.6
Chloride	250	71	84		82	47	101	71	224	97
Copper	1	0.027	0.002		0.059	0.042	0.013	0.005	0.004	0.022
Iron	0.30	0.12	0.14		ND	ND	0.12	0.08	ND	0.12
Manganese	0.050	0.024	0.025		0.002	ND	0.011	0.055	0.003	0.020
Potassium	No EPA standard	6.0	36.6		48.6	24.9	34.8	27.1	43.5	31.6
Silver	0.1	ND	ND		ND	ND	ND	ND	ND	ND
Sulfate	250	ND	17.3		29.4	25.1	17.6	35.1	36.1	26.8
Total Dissolved Solids	500	147	294		273	161	279	295	520	281
Turbidity	1	0.36	ND	ND	ND	ND	ND	ND	0.36	
Zinc	5	0.035	0.071	0.053	0.064	0.040	0.079	0.092	0.062	

Hardness: In 2020 the average hardness level of Concord's drinking water was 77 ppm or 4.5 grains per gallon.

***As of December 2015, fluoride treatment was decreased from 1.0ppm to 0.7ppm in accordance with the United States Department of Health and Human Services' (HHS) recommendation.**

TERMS AND ABBREVIATIONS

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

ND = None Detected

NT = Not Tested

Turbidity: a measurement of the cloudiness of the water.