



CONCORD PUBLIC WORKS
Water/Sewer Division
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2019 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	6.8	7.2	7.3	Combined at		7.1	7.1	7.2	7.1	
Fluoride (average)	4*	0.7	0.7	0.7	Deaconess Treatment Facility		0.7	0.6	0.7	0.7	
Nitrate (NO3-N)	10	0.1	2.0	See Deaconess Well and White Pond Well for individual well results	0.8	0.1	2.4	0.3	2.1	1.1	
Nitrite (NO2-N)	1	ND	ND		ND	ND	ND	ND	ND	ND	ND
Sodium	No EPA standard	39	40		45	17	42	26	110	46	
Hardness	No EPA standard	25	64		90	61	84	102	134	80	
Alkalinity	No EPA standard	14	62.5		63	43	95	62.5	83	60	
Calcium	No EPA standard	7	18.9		26	18	24	28	37	23	
Magnesium	No EPA standard	1.8	4.2		6.2	4.1	6.0	8.0	10.4	5.8	
Chloride	250	67	78		95	41	75	59	222	91	
Copper	1	0.066	0.002		0.019	0.050	0.046	0.002	0.004	0.027	
Iron	0.30	0.14	0.15		0.07	ND	0.23	0.08	ND	0.14	
Manganese	0.050	0.035	0.038		0.009	ND	0.015	0.050	0.002	0.025	
Potassium	No EPA standard	5.2	38.4		33.5	26.1	56.6	26.3	45.9	33.1	
Silver	0.1	ND	ND		ND	ND	ND	ND	ND	ND	
Sulfate	250	ND	17.3		23.5	22.1	35.8	35	29.7	27.2	
Total Dissolved Solids	500	136	270		320	192	317	241	538	288	
Turbidity	1	0.50	ND		ND	ND	0.2	0.14	0.15	0.25	
Zinc	5	0.044	0.037	0.058	0.042	0.055	0.030	0.051	0.045		

Hardness: In 2019 the average hardness level of Concord's drinking water was **80 ppm or 4.7 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.