



CONCORD PUBLIC WORKS										
Water/Sewer Division										
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2018 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		7.3	7.4	7.2	7.2
Fluoride (average)	4*	0.7	0.7	0.6	Deaconess Treatment Facility		0.7	0.7	0.7	0.7
Nitrate (NO3-N)	10	0.1	2.0	See Deaconess Well and White Pond Well for individual well results	0.9	0.1	2.7	0.2	2.4	1.2
Nitrite (NO2-N)	1	ND	ND		ND	ND	ND	ND	ND	ND
Sodium	No EPA standard	43	39		39	18	41	26	99	44
Hardness	No EPA standard	25	63		85	50	76	105	124	75
Alkalinity	No EPA standard	15	54.4		85	48	71	65.5	76	59
Calcium	No EPA standard	7	18.5		24	14	22	29	34	21
Magnesium	No EPA standard	1.8	4.0		6.0	3.4	5.2	8.0	9.4	5.4
Chloride	250	71	79		68	40	88	62	200	87
Copper	1	0.033	0.004		0.067	0.057	0.015	0.006	0.003	0.026
Iron	0.30	0.15	0.12		0.07	ND	0.08	0.10	ND	0.10
Manganese	0.050	0.059	0.029		0.006	ND	0.008	0.058	0.003	0.027
Potassium	No EPA standard	5.6	30.4		45.4	22.5	37.5	28.4	41	30.1
Silver	0.1	ND	ND		ND	ND	ND	ND	ND	ND
Sulfate	250	ND	16.5		37.1	11.3	6	35.2	26.8	22.2
Total Dissolved Solids	500	147	244		286	165	271	239	491	263
Turbidity	1	0.62	0.17	ND	ND	ND	0.22	0.12	0.28	
Zinc	5	0.035	0.034	0.043	0.048	0.035	0.029	0.039	0.038	

Hardness: In 2018 the average hardness level of Concord's drinking water was 75 ppm or 4.4 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.