



CONCORD PUBLIC WORKS										
Water/Sewer Division										
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2017 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	7.1	7.3	Combined at		7.3	7.2	7.1	7.1
Fluoride (average)	4*	0.7	0.6	0.6	Deaconess Treatment Facility		0.6	0.7	0.7	0.7
Nitrate (NO3-N)	10	0.1	1.9	See Deaconess Well and White Pond Well for individual well results	1.0	0.1	2.4	0.3	1.5	1.0
Nitrite (NO2-N)	1	ND	ND		ND	ND	ND	ND	ND	ND
Sodium	No EPA standard	42	33		35	17	36	24	96	40
Hardness	No EPA standard	25	61		82	56	77	95	105	71
Alkalinity	No EPA standard	19	61		76	53	77	63	66	59
Calcium	No EPA standard	7.0	18		23	16	22	26	29	20
Magnesium	No EPA standard	1.8	3.9		5.8	3.7	5.2	7.1	8.0	5.1
Chloride	250	71	74		75	41	88	62	193	86
Copper	1	0.026	0.002		0.037	0.032	0.009	0.030	0.003	0.020
Iron	0.30	0.11	0.12		0.47	ND	0.08	0.08	ND	0.17
Manganese	0.050	0.026	0.029		0.028	ND	0.008	0.043	0.003	0.023
Potassium	No EPA standard	6.6	31.2		41.3	26.0	40.6	23.3	30.3	28.5
Silver	0.1	ND	ND		ND	ND	ND	ND	ND	ND
Sulfate	250	ND	14.7	39.3	24.7	16.9	35.3	24.0	25.8	
Total Dissolved Solids	500	144	220	266	163	271	218	445	247	
Turbidity	1	0.34	ND	0.40	ND	ND	ND	0.11	0.28	
Zinc	5	0.040	0.028	0.039	0.047	0.069	0.032	0.061	0.045	

Hardness: In 2017 the average hardness level of Concord's drinking water was 71 ppm or 4.1 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.