



<b>CONCORD PUBLIC WORKS</b>										
<b>Water/Sewer Division</b>										
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**2016 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	6.6	6.9	7.2	Combined at		7.0	7.2	7.0	7.0
Fluoride (average)	4*	0.7	0.7	0.6	Deaconess Treatment Facility		0.7	0.6	0.7	0.7
Nitrate (NO3-N)	10	0.1	1.8	See Deaconess Well and White Pond Well for individual well results	0.9	0.1	2.2	0.3	1.3	1.0
Nitrite (NO2-N)	1	ND	ND		ND	ND	ND	ND	ND	ND
Sodium	No EPA standard	38	33		35	17	36	24	96	40
Hardness	No EPA standard	24	60		71	53	70	100	110	70
Alkalinity	No EPA standard	15	51		84	43	61	61	66	54
Calcium	No EPA standard	6.7	18		20	15	20	28	30	20
Magnesium	No EPA standard	1.8	3.7		5.0	3.6	4.7	7.6	8.7	5.0
Chloride	250	73	71		74	37	79	61	210	86
Copper	1	0.022	ND		0.037	0.055	0.014	0.004	0.002	0.022
Iron	0.30	0.10	0.10		ND	ND	0.07	0.07	ND	0.08
Manganese	0.050	0.030	0.026		ND	ND	0.008	0.038	0.002	0.021
Potassium	No EPA standard	6.1	30		45	23	32	26	35	28
Silver	0.1	ND	ND		ND	ND	ND	ND	ND	ND
Sulfate	250	ND	13		23	22	16	38	19	22
Total Dissolved Solids	500	140	220		260	150	240	240	470	246
Turbidity	1	0.86	ND	0.17	ND	ND	0.17	0.15	0.34	
Zinc	5	0.041	0.05	0.06	0.075	0.057	0.032	0.094	0.058	

**Hardness:** In 2016 the average hardness level of Concord's drinking water was 70 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.