



CONCORD PUBLIC WORKS										
Water/Sewer Division										
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2015 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	7.2	Combined at		7.1	7.2	7.0	7.1	
Fluoride (average)	4*	0.8	0.9	1.0	Deaconess Treatment Facility		1.0	1.0	0.9	0.9	
Nitrate (NO3-N)	10	0.1	1.9	See Deaconess Well and White Pond Well for individual well results	1.1	0.1	2.2	0.2	1.5	1.0	
Nitrite (NO2-N)	1	ND	ND		ND	ND	ND	ND	ND	ND	ND
Sodium	No EPA standard	36	30		34	16	36	26	96	39	
Hardness	No EPA standard	22	52		66	52	66	92	110	66	
Alkalinity	No EPA standard	13	63		83	47	73	68	71	60	
Calcium	No EPA standard	6.2	15		18	15	19	25	29	18	
Magnesium	No EPA standard	1.6	3.3		4.7	3.6	4.6	7.0	8.4	4.7	
Chloride	250	59	62		66	37	76	58	210	81	
Copper	1	0.024	ND		0.039	0.026	0.011	0.007	0.004	0.018	
Iron	0.30	0.059	0.097		ND	ND	0.080	0.068	ND	0.08	
Manganese	0.050	0.013	0.023		ND	ND	0.007	0.037	0.002	0.017	
Potassium	No EPA standard	4.4	31		40	22	33	26	35	27	
Silver	0.1	ND	ND		ND	ND	ND	ND	ND	ND	
Sulfate	250	ND	ND		22	17	14	38	7.6	20	
Total Dissolved Solids	500	110	220		230	140	240	220	460	231	
Turbidity	1	0.55	ND		ND	0.25	ND	ND	ND	0.40	
Zinc	5	0.0094	0.014	0.034	0.024	0.0074	0.0068	0.0093	0.015		

Hardness: In 2015 the average hardness level of Concord's drinking water was **65.7 ppm or 3.8 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.