



CONCORD PUBLIC WORKS
Water/Sewer Division
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2014 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		7.2	7.0	7.1	7.1
Fluoride (average)	4*	1.0	0.9	1.0	Deaconess Treatment Facility		1.0	1.0	1.0	1.0
Nitrate (NO3-N)	10	0.1	2.1	See Deaconess Well and White Pond Well for individual well results	0.9	0.2	2.3	0.2	1.4	1.0
Nitrite (NO2-N)	1	ND	ND		ND	ND	ND	ND	ND	ND
Sodium	No EPA standard	35	26		26	12	32	22	96	36
Hardness	No EPA standard	23	47		69	51	68	93	110	66
Alkalinity	No EPA standard	13	46		86	40	63	53	61	52
Calcium	No EPA standard	6.5	14		20	15	20	26	30	19
Magnesium	No EPA standard	1.6	3		5	3.4	4.6	6.9	8.8	4.7
Chloride	250	56	50		61	36	72	52	210	77
Copper	1	0.025	0.0025		0.060	0.035	0.010	0.021	0.005	0.023
Iron	0.30	0.16	0.11		ND	ND	0.09	0.087	ND	0.11
Manganese	0.050	0.046	0.02		ND	ND	0.008	0.034	0.004	0.022
Potassium	No EPA standard	4.4	28		42	25	37	21	34	27
Silver	0.1	ND	ND		ND	ND	ND	ND	ND	ND
Sulfate	250	ND	12		20	21	14	33	12	18.7
Total Dissolved Solids	500	120	180		280	150	230	210	450	231
Turbidity	1	0.50	0.1	0.17	0.26	ND	0.23	ND	0.25	
Zinc	5	0.024	0.0098	0.015	0.017	0.013	0.016	0.016	0.016	

Hardness: In 2014 the average hardness level of Concord's drinking water was **65.9 ppm or 3.9 grains per gallon.**

***The Department of Public Health's goal for fluoride is 1.0 ppm.**

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.