



<b>CONCORD PUBLIC WORKS</b>										
<b>Water/Sewer Division</b>										
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**2013 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	7.3	7.3	Combined at		7.1	7.0	7.2	7.1	
Fluoride (average)	4*	1.1	0.9	1.1	Deaconess Treatment Facility		1.0	1.0	1.0	1.0	
Nitrate (NO3-N)	10	0.1	1.6	See Deaconess Well and White Pond Well for individual well results	0.7	0.1	2.1	0.3	1.2	0.9	
Nitrite (NO2-N)	1	ND	ND		ND	ND	ND	ND	ND	ND	ND
Sodium	No EPA standard	30	23		35	11	32	21	84	34	
Hardness	No EPA standard	20	47		70	46	69	99	110	66	
Alkalinity	No EPA standard	12	55		95	40	64	58	64	55	
Calcium	No EPA standard	5.4	14		20	13	20	28	30	19	
Magnesium	No EPA standard	1.4	3		5	3	4.7	7.2	8.7	4.7	
Chloride	250	50	46		63	26	73	61	190	73	
Copper	1	0.077	ND		0.042	0.035	0.012	0.057	0.003	0.038	
Iron	0.30	0.08	0.11		ND	ND	0.07	0.12	ND	0.10	
Manganese	0.050	0.014	0.019		ND	ND	0.008	0.034	0.005	0.016	
Potassium	No EPA standard	4.1	28		54	20	34	23	38	29	
Silver	0.1	ND	ND		ND	ND	ND	ND	ND	ND	
Sulfate	250	ND	5.1		ND	ND	ND	38	5.1	16.1	
Total Dissolved Solids	500	130	170		280	170	210	250	430	234	
Turbidity	1	0.30	0.23		ND	ND	ND	0.30	ND	0.28	
Zinc	5	0.076	0.015	0.025	0.025	0.028	0.063	0.015	0.035		

**Hardness:** In 2013 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.