



Fluoridation & Chlorination

WSSN 2310

May-18

D A T E	Fluoride Applied F mg/l	Fluoride Analyses mg/l			Chlorine App. Mg/l			Chlorine Residual mg/l								
		Raw	Tap	Dist	Chlori ne App. Mg/l	Chlorine (prior to filtration) mg/L OCl ⁻	Post Chlorine mg/L	Sta II	Dort	3MG Well	Tap					
								Free	Free	Free		Free				
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1		0.67	0.70		0.88				1.2						1.7	
2		0.72	0.77		0.88				1.2						1.7	
3		0.63	0.65		0.73				1.2						1.7	
4		0.66	0.69		0.74				1.1						1.6	
5		0.75	0.66		0.81				1.1						1.7	
6		0.64	0.60		0.88				1.1						1.7	
7		0.67	0.81		0.98				1.2						1.8	
8		0.53	0.70		0.88				1.3						1.8	
9		0.65	0.65		0.85				1.1						1.6	
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AVG			0.69		0.85				1.2						1.7	
MAX			0.81		0.98				1.3						1.8	
MIN			0.60		0.73				1.1						1.6	



Chemical Analyses

WSSN 2310

May-18

DATE	pH		Total Hardness as CaCO ₃ mg/l		Total Alkalinity as CaCO ₃ mg/l		NonCarbonate Hardness as CaCO ₃ mg/l		Iron mg/L		Calcium Ca ²⁺ mg/l		Magnesium as Mg ²⁺ mg/l		Chloride as Cl ⁻ mg/l	
	CSII	Tap	Raw	Tap	Raw	Tap	Raw	Tap	Raw	Tap	Raw	Tap	Raw	Tap	Raw	Tap
	29	30	31	32	33	34	35	36	37	38.00	39	40	41	42	43	44
1	7.43	7.63		104	82	84	36	36	0.01	0.02	27.3	27.3	8.7	8.7	15	15
2	7.40	7.53		100		76		30	0.0	0.01		28.1		7.3		14
3	7.41	7.51		102		80		26	0.02	0.02		30.5		6.3		16
4	7.41	7.68		106		80		24	0.01	0.00		31.3		5.8		13
5	7.33	7.66		106		88		36	0.01	0.01		28.1		8.8		16
6	7.41	7.65		98		82		30	0	0.00		27.3		7.3		13
7	7.40	7.68		104		82		32	0.03	0.02		28.9		7.8		16
8	7.29	7.60	104	104	80	88	36	36	0	0.01	27.3	27.3	8.7	8.7	15	16
9	7.38	7.60		102		82		24	0.01	0.00		31.3		5.8		13
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AVG	7.38	7.62		103		82		30		0.01		28.9		7.4		15
MAX	7.43	7.68		106		88		36		0.02		31.3		8.8		16.0
MIN	7.29	7.51		98		76		24		0.00		27.3		5.8		13.0



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D A T E	Total Coliform						66	Standard Plate Count		Conductivity (mS)	Temp deg.C	Color		Odor	
	Plant Tap							Raw	Tap			71	72	Raw	Tap
			Dort	3MG Well	Sta II	Lab Tap									
	60	61	62	63	64	65									
1						2/0			0.23	6.5					
2						2/0			0.23	7.1					
3						2/0			0.23	9.4					
4						2/0			0.24	7.8					
5						2/0			0.24	7.5					
6						2/0			0.22	7.6					
7						2/0			0.24	7.2					
8						2/0			0.24	7.8					
9						2/0			0.23	9.6					
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29															
30															
31															
AVG									0.23	7.8					
MAX									0.24	9.6					
MIN									0.22	6.5					



Distribution System Monitoring WSSN 2310

May-18

DATE	Free Chlorine Residual at Bacteriological Monitoring Stations mg/l																								Chlorine only sites mg/l					Number of Samples
	1	2	3	4	CS	6	7	8	9	10	WR**	12	13	14	15	16	17	18	19	20	28	29	30	21	22	23	24	25		
1							0.82	1.52	0.93	1.49		1.65	1.72													1.33				7
2														1.38	1.49	1.60	1.75	1.32	1.03				1.64				1.72			8
3	1.55	1.43	1.34	1.25	1.88																1.69		1.54				1.49		8	
4											1.44					1.68	1.69	1.27	1.02					1.70			1.61		7	
5																													0	
6																													0	
7	1.47	1.32	1.59	1.62	1.91	1.46																1.70			1.15				8	
8							0.89	1.59	1.27	1.46		1.77	1.67													1.48			7	
9														1.26	1.50	1.80	1.69	1.40	1.03				1.77				1.83		8	
10																													0	
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28																													0	
29																													0	
30																													0	
31																													0	
Monthly Cl₂ Avg.					1.48																									
Total Samples					46																									

