



Fluoridation & Chlorination WSSN 2310 Apr-18

D A T E	Fluoride Applied F mg/l	Fluoride Analyses mg/l			Chlorine App. Mg/l			Chlorine Residual mg/l								
					Chlori ne App. Mg/l	Chlorine (prior to filtration) mg/L OCl ⁻	Post Chlorine mg/L	Sta II	Dort	3MG Well	Tap					
		Raw	Tap	Dist							Free	Free	Free	Free		
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1		0.70	0.70		1.00				1.0						1.8	
2		0.70	0.70		0.89				1.1						1.7	
3		0.69	0.69		0.92				1.0						1.6	
4		0.71	0.71		0.98				1.0						1.5	
5		0.73	0.73		1.08				1.0						1.7	
6		0.75	0.71		0.95				1.1						1.7	
7		0.75	0.71		0.94				1.1						1.8	
8		0.75	0.67		0.96				1.1						1.8	
9		0.76	0.83		1.01				1.1						1.7	
10		0.55	0.68		1.05				1.0						1.8	
11		0.71	0.69		0.90				1.1						1.7	
12		0.63	0.70		0.96				1.1						1.7	
13		0.64	0.66		0.98				1.2						1.8	
14		0.66	0.69		0.97				1.2						1.9	
15		0.66	0.72		0.92				1.2						1.7	
16		0.65	0.65		0.84				1.2						2.0	
17		0.61	0.63		0.92				1.2						1.8	
18		0.71	0.71		0.99				1.1						1.7	
19		0.65	0.55		1.04				1.2						1.8	
20		0.86	0.62		0.98				1.1						1.8	
21		0.54	0.57		1.07				1.1						1.7	
22		0.67	0.65		1.10				1.1						1.8	
23		0.70	0.67		1.04				1.1						1.6	
24		0.70	0.69		0.94				1.2						2.0	
25		0.71	0.73		1.00				1.2						1.8	
26		0.56	0.65		0.99				1.1						1.7	
27		0.67	0.69		0.94				1.3						1.7	
28		0.68	0.76		0.97				1.1						1.7	
29		0.75	0.71		0.94				1.1						1.7	
30		0.63	0.71		0.85				1.1						1.7	
31																
AVG		0.68	0.69		0.97				1.1						1.7	
MAX		0.86	0.83		1.10				1.3						2.0	
MIN		0.54	0.55		0.84				1.0						1.5	



Chemical Analyses

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D A T E	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	7.34	7.49		96		72		30	0.01	0.00		26.5		7.3		15
2	7.38	7.60		102		80		30	0.00	0.00		28.1		7.3		15
3	7.37	7.56	104	104	84	80	36	36	0.01	0.01	27.3	27.3	8.7	8.7	16	16
4	7.28	7.54		104		84		34	0.01	0.01		28.1		8.3		15
5	7.32	7.56		106		86		36	0.01	0.01		28.1		8.7		16
6	7.34	7.57		104		82		34	0	0.01		28.1		8.3		15
7	7.33	7.53		102		74		32	0.01	0.01		28.1		7.8		15
8	7.28	7.66		104		86		38	0.01	0.01		26.5		9.2		16
9	7.33	7.69		104		86		32	0.02	0.01		28.9		7.8		15
10	7.32	7.63	112	106	80	86	40	40	0.02	0.01	26.5	28.9	9.7	9.7	15	15
11	7.36	7.67		108		88		36	0.01	0.00		28.9		8.7		16
12	7.30	7.66		106		84		36	0.02	0.01		28.1		8.7		16
13	7.33	7.61		96		76		28	0	0.00		27.3		6.8		14
14	7.34	7.61		100		80		32	0.01	0.01		27.3		7.8		15
15	7.39	7.61		100		70		20	0	0.00		32.0		4.9		15
16	7.34	7.58	100	96	74	70	34	32	0.01	0.01	26.5	25.7	8.3	7.8	15	15
17	7.40	7.65		104		82		36	0.02	0.02		27.3		8.7		16
18	7.31	7.58		104		84		34	0.01	0.01		28.1		8.3		16
19	7.14	7.61		104		84		38	0.01	0.00		26.5		9.2		16
20	7.22	7.62		106		86		36	0.01	0.00		28.1		8.7		16
21	7.31	7.60		106		86		36	0.03	0.01		28.1		8.7		15
22	7.37	7.58		110		88		40	0.04	0.01		28.1		9.7		16
23	7.35	7.62		106		86		36	0.02	0.02		28.1		8.7		15
24	7.29	7.65	102	106	82	82	32	36	0.01	0.02	28.1	28.1	7.8	8.7	15	16
25	7.33	7.66		106		80		38	0	0.01		27.3		9.2		16
26	7.54	7.77		106		84		36	0.01	0.01		28.1		8.7		15
27	7.33	7.59		104		84		34	0.01	0.01		28.1		8.3		16
28	7.24	7.44		106		84		36	0	0.01		28.1		8.7		16
29	7.40	7.59		94		74		28	0.02	0.00		26.4		6.8		18
30	7.39	7.59		104		84		34	0.01	0.01		28.1		8.3		16
31																
AVG	7.33	7.60		103		82		34		0.01		27.9		8.3		16
MAX	7.54	7.77		110		88		40		0.02		32.0		9.7		18.0
MIN	7.14	7.44		94		70		20		0.00		25.7		4.9		14.0



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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			Raw	Tap	Raw	Tap
			Dort	3MG Well	Sta II	Lab Tap									
	60	61	62	63	64	65									
1						2/0			0.23	5.8					
2						2/0			0.24	6.1					
3						2/0			0.24	6.2					
4						2/0			0.24	7.1					
5						2/0			0.24	6.2					
6						2/0			0.24	6.3					
7						2/0			0.22	5.7					
8						2/0			0.24	6.2					
9						2/0			0.24	6.2					
10						2/0			0.25	6.4					
11						2/0			0.25	6.4					
12						2/0			0.24	6.5					
13						2/0			0.23	6.7					
14						2/0			0.22	6.5					
15						2/0			0.23	7.5					
16						2/0			0.23	6.5					
17						2/0			0.23	6.4					
18						2/0			0.24	6.7					
19						2/0			0.23	6.6					
20						2/0			0.24	6.8					
21						2/0			0.24	7.1					
22						2/0			0.24	7.3					
23						2/0			0.23	6.2					
24						2/0			0.24	6.5					
25						2/0			0.23	6.6					
26						2/0			0.24	6.0					
27						2/0			0.23	5.9					
28						2/0			0.23	6.4					
29						2/0			0.23	6.6					
30						2/0			0.23	6.4					
31															
AVG									0.23	6.5					
MAX									0.25	7.5					
MIN									0.22	5.7					



Distribution System Monitoring WSSN 2310

Apr-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	
2	1.48	1.33	1.61	1.69	1.69	1.55															1.64			1.56					8	
3							1.66	1.79	1.23	1.75		1.35	1.64												1.51				7	
4													1.10	1.04	1.67	1.75	1.28	1.09					1.69			1.80			8	
5	1.62	1.27	1.59	1.30	1.84															1.51							1.62		7	
6											1.39					1.75	1.82	1.33	1.18					1.90				1.43	7	
7																													0	
8																													0	
9	1.42	1.33	1.64	1.62	1.85	1.54																		1.51					7	
10							1.46	1.54	1.37	1.49		1.72	1.70	1.28	1.40	1.67	1.68	1.37	1.02				1.60		1.69	1.67	1.69		16	
11	1.58	1.32	1.58	1.60	1.90															1.77								6		
12											1.49					1.67	1.77	1.48	0.82					1.72					6	
13																													0	
14																													0	
15																													0	
16																													0	
17	1.59	1.20	1.59	1.11	1.54	1.12		1.62	1.37			1.76										1.79		1.54	1.62				12	
18							1.20			1.51			1.69	1.32		1.79	1.79	1.38	1.16				1.78			1.64			10	
19		1.39	1.65	1.61	1.89											1.78	1.84	1.55	1.20		1.83					1.67			6	
20											1.57					1.78	1.84	1.55	1.20					1.86					6	
21																													0	
22																													0	
23	1.61	1.32	1.65	1.61	1.98	1.63																1.64		1.52					8	
24							1.00	1.63	1.01	1.53		1.66	1.74												1.54				7	
25														1.34	1.65	1.79	1.72	1.49	1.10				1.81			1.82			8	
26	1.54	1.39	1.66	1.65	1.94															1.80									6	
27											1.54					1.61	1.68	1.29	1.07					1.83				1.57	7	
28																													0	
29																													0	
30	1.54		1.41	1.53	1.93	1.43																1.69							6	
31																													0	
Monthly Cl₂ Avg.					1.54																									
Total Samples					131																									



Distribution System Monitoring

WSSN 2310

Apr-18

DATE	Total 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
2	1.67	1.48	1.85	1.87	2.10	1.68															1.83			1.71				8	
3							1.83	1.94	1.44	1.96		1.54	1.84												1.68			7	
4														1.29	1.20	1.85	1.92	1.46	1.28							1.99		8	
5	1.78	1.52	1.79	1.54	2.07															1.65							1.84	7	
6											1.61					1.91	1.99	1.50	1.32								2.09	7	
7																												0	
8																												0	
9	1.63	1.58	1.87	1.85	2.08	1.79																						7	
10							1.54	1.72	1.61	1.72		1.96	1.93	1.51	1.63	1.98	1.92	1.56	1.22							1.89	1.76	1.78	16
11	1.78	1.49	1.82	1.80	2.12															1.97								6	
12											1.72					2.01	1.97	1.66	1.08							1.93			6
13																													0
14																													0
15																													0
16																													0
17	1.78	1.46	1.77	1.23	1.94	1.29		1.78	1.67			1.96																12	
18							1.36			1.69					1.85	1.48		1.96	1.93	1.60	1.35							10	
19		1.61	1.91	1.70	2.11																							6	
20																												6	
21											1.76					2.01	2.02	1.64	1.35									0	
22																												0	
23	1.74	1.49	1.88	1.82	2.12	1.81																						8	
24							1.22	1.84	1.20	1.73		1.91	1.92															7	
25														1.53	1.84	2.03	1.92	1.70	1.28									8	
26	1.79	1.53	1.85	1.82	2.12															1.99								6	
27											1.74					1.75	1.83	1.45	1.26									7	
28																												0	
29																												0	
30	1.75		1.72	1.74	2.13	1.68																						6	
31																												0	
Monthly Cl₂ Avg.				1.74																									
Total Samples				131																									

