



Fluoridation & Chlorination WSSN 2310 Feb-21

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	Free
		14	15	16	17	18	19	20	21	22	23	24	25	26	27
1		0.74	0.72		0.83				1.1						1.7
2		0.71	0.64		0.90				1.1						1.8
3		0.60	0.69		0.92				1.2						1.8
4		0.70	0.76		0.91				1.2						1.8
5		0.62	0.66		0.88				1.2						1.8
6		0.60	0.59		0.92				1.1						1.7
7		0.69	0.64		1.02				1.1						1.8
8		0.64	0.64		0.92				1.1						1.7
9		0.75	0.76		0.85				1.1						1.7
10		0.53	0.52		0.90				1.0						1.6
11		0.57	0.65		0.90				1.0						1.6
12		0.67	0.62		0.86				1.2						1.7
13		0.59	0.69		0.84				1.2						1.7
14		0.63	0.60		0.76				1.1						1.6
15		0.75	0.84		0.77				1.1						1.6
16		0.67	0.65		0.76				1.3						1.7
17		0.73	0.74		0.88				1.1						1.7
18		0.58	0.58		0.82				1.1						1.7
19		0.71	0.82		0.89				1.0						1.7
20		0.76	0.83		0.85				1.1						1.8
21		0.76	0.76		0.84				1.1						1.7
22		0.65	0.70		0.82				1.0						1.7
23		0.59	0.50		0.76				1.0						1.6
24		0.77	0.81		0.77				1.1						1.6
25		0.65	0.64		0.77				1.1						1.6
26		0.65	0.77		0.78				1.1						1.7
27		0.63	0.62		0.76				1.1						1.7
28		0.66	0.64		0.82				1.2						1.8
29															
30															
31															
AVG			0.68		0.85				1.1						1.7
MAX			0.84		1.02				1.3						1.8
MIN			0.50		0.76				1.0						1.6



Chemical Analyses WSSN 2310 Feb-21

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	7.43	7.63		100		82		30	0	0.01		28.1		7.3		16
2	7.54	7.67	104	102	78	78	34.0	34	0.0	0.02	28.1	27.3	8.3	8.3	15	15
3	7.31	7.45		100		78		28	0.01	0.03		28.9		6.8		16
4	7.23	7.79		102		82		32	0.03	0.01		28.1		7.8		16
5	7.31	7.48		100		80		30	0.01	0.03		28.1		7.3		15
6	7.53	7.40		102		80		32	0.02	0.00		28.1		7.8		15
7	7.21	7.37		102		82		32	0.02	0.02		28.1		7.8		16
8	7.23	7.43		100		80		30	0.01	0.01		28.1		7.3		15
9	7.23	7.46	102	102	78	80	30	30	0.02	0.02	28.9	28.9	7.3	7.3	18	15
10	7.25	7.63		102		82		30	0.03	0.03		28.9		7.3		15
11	7.27	7.50		100		80		28	0.01	0.02		28.9		6.8		16
12	7.30	7.58		104		82		34	0.02	0.04		28.1		8.3		15
13	7.29	7.52		102		80		30	0	0.00		28.9		7.3		16
14	7.29	7.51		100		80		26	0.03	0.03		29.7		6.3		15
15	7.25	7.55		104		82		32	0	0.01		28.9		7.8		17
16	7.20	7.52	98	100	78	80	28	28	0.01	0.02	28.1	28.9	6.8	6.8	16	16
17	7.27	7.48		106		82		34	0.01	0.02		28.9		8.3		16
18	7.24	7.50		102		82		32	0.03	0.03		29.7		7.8		16
19	7.21	7.48		104		80		34	0.03	0.04		28.1		8.3		15
20	7.35	7.37		100		80		24	0.03	0.01		30.5		5.8		18
21	7.36	7.50		102		80		36	0.02	0.01		26.5		8.7		18
22	7.29	7.50		100		80		30	0	0.01		28.1		7.3		16
23	7.20	7.47	104	102	78	80	28	30	0.04	0.01	28.9	28.9	6.8	7.3	14	13
24	7.30	7.55		104		80		32	0.02	0.02		28.1		7.8		15
25	7.26	7.50		102		82		30	0.02	0.01		28.9		7.3		15
26	7.29	7.54		102		80		30	0	0.00		28.9		7.3		16
27	7.37	7.71		100		82		30	0.02	0.03		28.1		7.3		15
28	7.35	7.51		102		84		34	0.02	0.01		27.3		8.3		14
29																
30																
31																
AVG	7.30	7.52		102		81		31		0.02		28.5		7.5		16
MAX	7.54	7.79		106		84		36		0.04		30.5		8.7		18.0
MIN	7.20	7.37		100		78		24		0.00		26.5		5.8		13.0



WSSN 2310

Feb-21

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	8.5					
2						2/0			0.22	8.0					
3						2/0			0.23	7.5					
4						2/0			0.23	7.6					
5						2/0			0.23	6.8					
6						2/0			0.23	7.0					
7						2/0			0.23	6.4					
8						2/0			0.23	8.5					
9						2/0			0.24	7.8					
10						2/0			0.23	8.5					
11						2/0			0.23	8.4					
12						2/0			0.23	7.2					
13						2/0			0.23	7.9					
14						2/0			0.23	7.8					
15						2/0			0.23	7.6					
16						2/0			0.23	7.9					
17						2/0			0.24	6.3					
18						2/0			0.24	7.4					
19						2/0			0.24	7.3					
20						2/0			0.21	7.7					
21						2/0			0.23	7.2					
22						2/0			0.23	9.3					
23						2/0			0.23	7.6					
24						2/0			0.23	7.9					
25						2/0			0.23	8.2					
26						2/0			0.23	7.6					
27						2/0			0.23	6.5					
28						2/0			0.23	7.4					
29															
30															
31															
AVG									0.23	7.6					
MAX									0.24	9.3					
MIN									0.21	6.3					



Distribution System Monitoring WSSN 2310

Feb-21

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	26	27	28	29	30	21	22	23	24	25						
1	1.54	1.63		1.40	1.70	1.60											1.26						1.48								1.30	8				
2							1.59	1.37	1.55	1.46											1.59							1.43				6				
3													1.41	1.45	1.40	1.64			1.48					1.66		1.35		1.70	1.64			9				
4	1.34			1.59	1.65					1.40										1.51			1.76			1.47						7				
5												1.80			1.58	1.56			1.53													4				
6																																0				
7																																0				
8	1.39	1.90		1.20	1.70	1.35											1.23							1.45							1.44	8				
9							1.76	1.24	1.46	1.52	1.03										1.63							1.37				7				
10													1.50	1.38	1.56	1.63			1.35							1.34		1.72	1.48			8				
11	1.35			1.44	1.63					1.35											0.83		1.09			1.53						7				
12												1.67			1.41	1.63			1.46													4				
13																																	0			
14																																	0			
15	1.60	1.53		1.54	1.51	1.50											1.30							1.37							1.02	8				
16																																	0			
17							1.58	0.98	1.20	1.61				1.45		1.67	1.50		1.38		1.68					1.28	1.60	1.32	1.62			13				
18	1.47			1.38	1.65															1.36		1.63			1.57							6				
19										1.62		1.60			1.67	1.65	1.47																5			
20																																	0			
21																																	0			
22	1.46	1.68		1.67	1.69	1.25											1.33						1.53							1.44		8				
23							1.67	1.42	1.69	1.71	1.62										1.14						1.31					7				
24													1.64	1.19	1.67	1.64			1.28					1.62		1.51		1.24	1.51			9				
25	1.62			1.51	1.60					1.29										1.36		1.69			1.23							7				
26															1.51	1.59		1.51														3				
27																																	0			
28																																	0			
29																																	0			
30																																	0			
31																																	0			
Monthly Cl₂ Avg.				1.49																																
Total Samples				114																																



Distribution System Monitoring

WSSN 2310

Feb-21

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	26	27	28	29	30	21	22	23	24	25						
1	1.85	1.79		1.59	1.95	1.82											1.50						1.75							1.52	8					
2							1.89	1.62	1.85	1.75											1.84						1.59				6					
3													1.67	1.68	1.65	1.76		1.69						1.89		1.53		1.85	1.88		9					
4	1.70			1.71	1.90						1.70									1.68		2.01			1.63						7					
5												1.95			1.75	1.83		1.72													4					
6																															0					
7																															0					
8	1.81	2.17		1.84	1.95	1.81											1.44						1.73							1.77	8					
9								2.02	1.59	1.93	1.71	1.58									1.84						1.48			7						
10													1.63	1.65	1.77	1.81		1.58								1.50		1.92	1.73		8					
11	1.70			1.70	1.89						1.76									1.53			1.88			1.76					7					
12												1.83			1.74	1.84		1.68													4					
13																															0					
14																															0					
15	1.77	1.81		1.75	1.73	1.71											1.52						1.70							1.60	8					
16																															0					
17							1.79	1.89	1.53	1.91			1.73	1.85	1.76		1.63		1.89							1.41	1.71	1.54	1.84		13					
18	1.72			1.87	1.92														1.52		1.93										6					
19										2.02		1.72			1.90	1.91		1.75														5				
20																																0				
21																																0				
22	1.64	1.80		1.92	1.91	1.67											1.63						1.72							1.70	8					
23							1.90	1.58	1.81	1.83	1.87										1.87						1.58				7					
24													1.93	1.47	1.90	1.93		1.68						1.87		1.69		1.96	1.81		9					
25	1.74			1.74	1.96						2.01									1.58		1.91			1.58						7					
26															1.74	1.87		1.72													3					
27																																0				
28																																0				
29																																0				
30																																0				
31																																0				
Monthly Cl₂ Avg.				1.77																																
Total Samples				114																																



ROUTINE POSITIVE DISTRIBUTION SAMPLES

Feb-21

Total number of positive routine samples:				Total Coliform: <u>0</u>			E.coli Bacteria: <u>0</u>		Chlorine Residual (mg/L)	
Date	Monitoring Station	Total Coliform	E.coli Bacteria	Date	Time	Retest of Station, Upstream & Downstream	Total Coliform	E.coli Bacteria	Free	Total
Total number of routine distribution samples analyzed:				114						
Total number of routine distribution samples required:				100						