





**Fluoridation & Chlorination WSSN 2310 May-20**

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 <sup>-</sup>	Post Chlorine mg/L	Sta II	Dort	3MG Well	Tap					
											Free	Free	Free	Free	Free	
		14	15	16	17	18	19	20	21	1.05	23	24	25	26	27	28
1		0.60	0.60		1.04				1.1						1.7	
2		0.71	0.74		1.16				1.1						1.7	
3		0.64	0.68		1.10				1.1						1.8	
4		0.71	0.74		0.96				1.1						1.6	
5		0.72	0.62		1.03				1.1						1.7	
6		0.45	0.58		1.05				1.1						1.7	
7		0.56	0.64		0.98				1.1						1.8	
8		0.65	0.64		0.87				1.1						1.7	
9		0.58	0.64		1.01				1.1						1.8	
10		0.69	0.67		0.95				1.1						1.7	
11		0.80	0.76		0.88				1.0						1.7	
12		0.65	0.60		0.97				1.0						1.7	
13		0.75	0.64		0.99				1.1						1.6	
14		0.56	0.42		1.13				1.0						1.6	
15		0.64	0.66		1.11				0.9						1.7	
16		0.75	0.67		1.28				0.9						1.8	
17		0.67	0.70		1.36				0.8						1.8	
18		0.67	0.79		1.24				1.1						1.7	
19		0.70	0.65		1.19				0.9						1.7	
20		0.77	0.84		1.03				0.9						1.7	
21					1.02											
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
AVG			0.66		1.06				1.0						1.7	
MAX			0.84		1.36				1.1						1.8	
MIN			0.42		0.87				0.8						1.6	



**Chemical Analyses                      WSSN 2310                      May-20**

D A T E	pH		Total Hardness as CaCO <sub>3</sub> mg/l		Total Alkalinity as CaCO <sub>3</sub> mg/l		NonCarbonate Hardness as CaCO <sub>3</sub> mg/l		Iron mg/L		Calcium Ca <sup>2+</sup> mg/l		Magnesium as Mg <sup>2+</sup> mg/l		Chloride as Cl <sup>-</sup> 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	7.36	7.56		104		82		34	0.01	0.01		28.1		8.3		15
2	7.40	7.46		104		84		36	0.0	0.02		27.3		8.7		16
3	7.40	7.47		104		84		38	0	0.00		26.5		9.2		14
4	7.35	7.42		104		82		34	0	0.02		28.1		8.3		15
5	7.38	7.64	104	100	82	80	34	28	0.01	0.01	28.1	28.9	8.3	6.8	15	14
6	7.34	7.53		102		84		34	0.01	0.01		27.3		8.3		15
7	7.35	7.56		104		86		34	0	0.01		28.1		8.3		15
8	7.40	7.52		102		86		32	0.03	0.02		28.1		7.8		14
9	7.40	7.49		104		78		34	0	0.00		28.1		8.3		16
10	7.34	7.51		102		76		32	0.01	0.01		28.1		7.8		14
11	7.38	7.60		100		76		32	0.01	0.01		27.3		7.8		15
12	7.42	7.44	102	100	80	80	30	30	0.02	0.02	28.1	28.1	7.3	7.3	14	15
13	7.32	7.53		102		82		32	0.01	0.01		28.1		7.8		16
14	7.38	7.42		100		82		30	0	0.00		28.1		7.3		15
15	7.40	7.49		104		86		34	0.01	0.01		28.1		8.3		16
16	7.43	7.51		104		84		32	0.01	0.02		28.9		7.8		16
17	7.40	7.55		108		84		36	0.02	0.02		28.9		8.7		16
18	7.41	7.45		102		88		30	0.02	0.01		28.9		7.3		16
19	7.37	7.43	110	108	86	86	36	34	0.02	0.02	29.7	29.7	8.7	8.3	17	16
20	7.35	7.39		106		86		34	0.02	0.01		28.9		8.3		17
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
AVG	7.38	7.50		103		83		33		0.01		28.2		8.0		15
MAX	7.43	7.64		108		88		38		0.02		29.7		9.2		17.0
MIN	7.32	7.39		100		76		28		0.00		26.5		6.8		14.0



WSSN 2310

May-20

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	9.3					
2						2/0			0.23	11.1					
3						2/0			0.23	9.8					
4						2/0			0.22	9.9					
5						2/0			0.23	9.4					
6						2/0			0.22	9.1					
7						2/0			0.22	9.7					
8						2/0			0.22	8.7					
9						2/0			0.21	9.5					
10						2/0			0.21	9.3					
11						2/0			0.22	9.6					
12						2/0			0.22	9.5					
13						2/0			0.23	10.8					
14						2/0			0.22	10.4					
15						2/0.01			0.23	10.0					
16						2/0			0.24	13.9					
17						2/0			0.23	10.4					
18						2/0			0.24	11.8					
19						2/0			0.25	11.4					
20						2/0			0.24	11.8					
21															
22						/									
23						/									
24						/									
25						/									
26						/									
27						/									
28						/									
29						/									
30						/									
31						/									
AVG									0.23	10.3					
MAX									0.25	13.9					
MIN									0.21	8.7					



Distribution System Monitoring WSSN 2310

May-20

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	8B	9	10	WR	12	13B	14	15	16	17	18	19	20	26	27	28	29	30	21	22	23	24	25						
1															1.44	1.56		1.47																	3	
2																																			0	
3																																			0	
4	1.26	1.85		1.40	1.66												1.36						1.02								1.39			7		
5							1.71	1.34	1.63	1.17	1.16	1.72									1.66													7		
6														1.65	1.36	1.47	1.67		1.46					1.69			1.30	1.16	1.88	1.01				10		
7	1.55			1.53	1.71		1.52			1.11										1.01		1.73		1.51										8		
8															1.47	1.64	1.50																		3	
9																																			0	
10																																			0	
11	1.41			1.46	1.86													1.37														1.27			6	
12							1.78	1.21	1.62	1.10	1.18	1.80									1.50							1.16							8	
13														1.66	1.61	1.60	1.68		1.81					1.90			1.36		1.51	1.37				9		
14	1.3			1.55	1.71		1.72			1.06										1.31		1.72		1.75										8		
15															1.59	1.63	1.51																		3	
16																																				0
17																																				0
18	1.31	1.76		1.52	1.55													1.33					1.01									1.42			7	
19							1.82	1.26	1.69	1.06	1.00	1.76									1.56						1.38								8	
20														1.67	1.01	1.59	1.63		1.44						1.63		1.31		1.83	1.40					9	
21																																				0
22																																				0
23																																				0
24																																				0
25																																				0
26																																				0
27																																				0
28																																				0
29																																				0
30																																				0
31																																				0
<b>Monthly Cl<sub>2</sub> Avg.</b>				<b>1.50</b>																																
<b>Total Samples</b>				<b>81</b>																																



Distribution System Monitoring

WSSN 2310

May-20

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	8B	9	10	WR	12	13B	14	15	16	17	18	19	20	26	27	28	29	30	21	22	23	24	25										
1																1.67	1.83		1.70																3					
2																																			0					
3																																			0					
4	1.49	2.05		1.73	1.84													1.53														1.62			7					
5								1.91	1.52	1.92	1.36	1.35	1.93																						7					
6															1.85	1.65	1.66	1.83		1.67												1.90		1.53	1.23	2.05	1.19		10	
7	1.71			1.75	1.87			1.73			1.30										1.22			1.91							1.68							8		
8																1.65	1.84		1.70																			3		
9																																						0		
10																																						0		
11	1.58			1.65	2.03														1.55																	1.44		6		
12								1.87	1.36	1.86	1.25	1.33	1.97																						1.31			8		
13															1.84	1.79	1.78	1.83			2.03														1.53		1.62	1.50		9
14	1.58			1.73	2.08			1.78			1.23											1.46															1.98		8	
15																1.77	1.88		1.69																			3		
16																																							0	
17																																							0	
18	1.53	1.99		1.70	1.83														1.51																		1.58		7	
19								1.99	1.48	1.91	1.26	1.19	1.97																								1.58		8	
20															1.87	1.08	1.83	1.82			1.62															1.87		1.52		9
21																																							0	
22																																							0	
23																																							0	
24																																							0	
25																																							0	
26																																							0	
27																																							0	
28																																							0	
29																																							0	
30																																							0	
31																																							0	
<b>Monthly Cl<sub>2</sub> Avg.</b>				<b>1.69</b>																																				
<b>Total Samples</b>				<b>81</b>																																				



**ROUTINE POSITIVE DISTRIBUTION SAMPLES**

**May-20**

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:				<b>81</b>						
Total number of routine distribution samples required:				<b>100</b>						