



Fluoridation & Chlorination WSSN 2310 Jul-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 ⁻	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		0.75	0.82		1.09				1.0						1.7	
2		0.78	0.76		1.06				1.0						1.7	
3		0.75	0.75		0.96				1.0						1.6	
4		0.74	0.74		0.99				0.9						1.6	
5		0.72	0.74		1.03				0.9						1.6	
6		0.81	0.88		0.99				0.9						1.6	
7		0.75	0.83		1.02				1.0						1.7	
8		0.80	0.93		1.09				0.9						1.6	
9		0.69	0.75		1.17				1.0						1.6	
10		0.76	0.79		1.09				1.0						1.6	
11		0.72	0.78		1.11				1.0						1.6	
12		0.76	0.86		1.13				1.0						1.7	
13		0.81	0.74		1.14				1.0						1.7	
14		0.77	0.83		1.17				0.9						1.7	
15		0.82	0.83		1.20				1.0						1.7	
16		0.79	0.64		1.17				1.0						1.7	
17		0.82	0.82		1.20				0.9						1.7	
18		0.76	0.84		1.24				0.8						1.6	
19		0.86	0.82		1.33				0.8						1.7	
20		0.88	0.85		1.31				0.8						1.7	
21		0.89	0.84		1.29				0.8						1.8	
22		0.69	0.70		1.36				0.8						1.7	
23		0.70	0.67		1.34				0.9						1.7	
24		0.91	0.87		1.30				0.8						1.7	
25		0.72	0.70		1.23				1.0						1.8	
26		0.69	0.69		1.23				0.9						1.8	
27		0.72	0.84		1.23				0.9						1.7	
28		0.73	0.79		1.28				0.9						1.6	
29		0.53	0.50		1.26				0.9						1.7	
30																
31																
AVG			0.78		1.17				0.9						1.7	
MAX			0.93		1.36				1.0						1.8	
MIN			0.50		0.96				0.8						1.6	



Chemical Analyses WSSN 2310 Jul-20

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	7.58		100		80		28	0	0.01		28.9		7.8		14
2	7.33	7.56		104		82		34	0.0	0.00		28.1		8.3		15
3	7.42	7.52		102		84		32	0.02	0.02		28.1		7.8		16
4	7.36	7.39		102		80		36	0.02	0.00		26.5		8.7		17
5	7.45	7.54		94		76		30	0.02	0.01		25.7		7.3		14
6	7.39	7.56		98		74		32	0	0.01		26.5		7.8		15
7	7.35	7.51	100	100	78	78	32	28	0.02	0.01	27.3	28.9	7.8	6.8	14	15
8	7.32	7.50		96		80		26	0.02	0.01		28.1		6.3		14
9	7.34	7.51		96		80		24	0	0.00		28.9		5.8		15
10	7.35	7.52		96		78		26	0.01	0.01		28.1		6.3		15
11	7.41	7.52		96		76		32	0.01	0.01		25.7		7.8		14
12	7.35	7.40		96		80		26	0	0.00		28.1		6.3		14
13	7.33	7.54		98		78		28	0.01	0.02		28.1		6.8		14
14	7.36	7.56	98	100	76	74	28	34	0.02	0.02	28.1	26.5	6.8	8.3	14	14
15	7.35	7.54		98		80		28	0.01	0.01		28.1		6.8		15
16	7.33	7.56		96		78		26	0.01	0.01		28.1		6.3		15
17	7.29	7.52		100		80		30	0.01	0.01		28.1		7.3		15
18	7.39	7.48		100		78		34	0	0.02		26.5		8.3		14
19	7.38	7.50		100		82		32	0.02	0.01		27.3		7.8		16
20	7.30	7.53		100		82		32	0	0.00		27.3		7.8		15
21	7.31	7.53	100	98	76	78	30	32	0.02	0.02	28.1	26.5	7.3	7.8	15	16
22	7.32	7.53		100		80		30	0.01	0.01		28.1		7.3		15
23	7.27	7.56		96		80		28	0	0.00		27.3		6.8		15
24	7.31	7.59		98		80		28	0.01	0.01		28.1		6.8		15
25	7.53	7.61		96		78		32	0.03	0.01		25.7		7.8		14
26	7.46	7.55		100		82		34	0.01	0.02		26.5		8.3		15
27	7.33	7.59		98		78		30	0.01	0.01		27.3		7.3		14
28	7.32	7.57	96	96	76	78	28	28	0.02	0.00	27.3	27.3	6.8	6.8	14	15
29	7.29	7.55		100		82		30	0.02	0.02		28.1		7.3		14
30																
31																
AVG	7.35	7.53		98		79		30		0.01		27.5		7.3		15
MAX	7.53	7.61		104		84		36		0.02		28.9		8.7		17.0
MIN	7.27	7.39		94		74		24		0.00		25.7		5.8		14.0



WSSN 2310

Jul-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	73	74
			Dort	3MG Well	Sta II	Lab Tap											
	60	61	62	63	64	65											
1						2/0			0.23	15.1							
2						2/0			0.23	15.2							
3						2/0			0.23	14.6							
4						2/0			0.22	16.4							
5						2/0			0.23	15.6							
6						2/0			0.22	16.0							
7						2/0			0.22	16.3							
8						2/0			0.22	16.6							
9						2/0			0.23	17.0							
10						2/0			0.23	17.5							
11						2/0			0.22	17.5							
12						2/0			0.23	17.6							
13						2/0			0.22	16.9							
14						2/0			0.22	16.9							
15						2/0			0.22	17.0							
16						2/0			0.23	17.2							
17						2/0			0.22	17.4							
18						2/0			0.23	18.3							
19						2/0			0.23	19.6							
20						2/0			0.23	18.7							
21						2/0			0.23	19.1							
22						2/0			0.23	19.2							
23						2/0			0.23	19.3							
24						2/0			0.23	18.7							
25						2/0			0.23	18.5							
26						2/0			0.23	17.8							
27						2/0			0.22	18.6							
28						2/0			0.23	18.5							
29						2/0			0.23	19.2							
30						/											
31						/											
AVG									0.23	17.5							
MAX									0.23	19.6							
MIN									0.22	14.6							



Distribution System Monitoring WSSN 2310

Jul-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	8	9	10	WR	12	13	14	15	16	17	18	19	20	26	27	28	29	30	21	22	23	24	25	
1													1.48	1.51	1.34	1.37	1.32		1.32					1.59		1.32		1.78			9
2	1.21			1.45	1.78						1.44									1.20		1.75		1.49						7	
3															1.33	1.49			1.33												3
4																															0
5																															0
6	0.78	1.27		1.50	1.01	1.49												0.82					1.27						0.98	8	
7							1.49	0.96	1.51	1.32	0.82	1.61									1.37							1.00		8	
8													1.57	1.31	1.55	1.58		1.39					1.49			1.31	1.69	0.92		9	
9	1.23			1.42	1.72						1.34										0.42		1.50		1.52					7	
10															1.44	1.56		1.28												3	
11																														0	
12																														0	
13	1.13	1.54		1.38	1.19	1.33												0.93					1.51						1.09	8	
14							1.47	1.05	1.31	1.38	0.92	1.59									1.43						0.97			8	
15													1.50	1.33	1.42	1.52		1.04					1.49			1.19	1.76	1.05		9	
16	1.07			1.47	1.49						1.29										1.14		1.52		1.36					7	
17															1.46	1.45		1.27													3
18																															0
19																															0
20	1.19			1.43	1.15	1.33												0.95					0.66						1.03	7	
21							1.56	0.82	1.38	1.10	0.56	1.61									1.38						0.99			8	
22													1.55	1.08	1.32	1.51		1.24					1.43			1.00	1.70	0.99		9	
23	1.17			1.41	1.41						1.23										1.04		1.61		1.23					7	
24															1.36	1.56		1.07													3
25																															0
26																															0
27	0.93			1.37	1.42	1.41												1.04					1.28						0.88	7	
28							1.50	0.95	1.02	1.41	0.79	1.62									1.35						1.01			8	
29													1.42	1.23	1.23	1.57		1.31						1.50				1.61	1.10	8	
30																															0
31																															0
Monthly Cl₂ Avg.				1.32																											
Total Samples				125																											



Distribution System Monitoring

WSSN 2310

Jul-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	8	9	10	WR	12	13	14	15	16	17	18	19	20	26	27	28	29	30	21	22	23	24	25						
1													1.87	1.67	1.62	1.63	1.45		1.48					1.71		1.48		1.90				9				
2	1.29			1.62	1.96						1.46					1.63	1.45		1.48					1.71		1.48		1.90				7				
3															1.50	1.65		1.46														3				
4																																0				
5																																0				
6	1.28	1.48		1.50	1.64	1.73												1.32						1.44						1.20	8					
7							1.64	1.08	1.61	1.49	1.19	1.83									1.55						1.17				8					
8													1.78	1.54	1.67	1.74			1.49				1.71		1.44		1.82	1.15			9					
9	1.37			1.55	1.84					1.51														1.71		1.44		1.82	1.15			7				
10															1.50	1.64		1.46														3				
11																																0				
12																																0				
13	1.21	1.74		1.49	1.64	1.68												1.19						1.59						1.15	8					
14							1.68	1.13	1.53	1.50	1.16	1.77										1.56					1.14				8					
15														1.65	1.56	1.55	1.58		1.44					1.66		1.35		1.92	1.11		9					
16	1.17			1.57	1.58					1.43														1.66		1.35		1.92	1.11			7				
17															1.62	1.54		1.47														3				
18																																0				
19																																0				
20	1.48			1.60	1.53	1.52												1.15												1.21	7					
21							1.73	1.13	1.63	1.57	0.72	1.79									1.56						1.20				8					
22													1.78	1.37	1.61	1.71			1.40				1.70		1.20		1.85	1.23			9					
23	1.43			1.63	1.65					1.48											1.21		1.80		1.75						7					
24															1.58	1.75		1.45														3				
25																																0				
26																																0				
27	1.21			1.60	1.58	1.65												1.24						1.58						1.14	7					
28							1.65	1.15	1.63	1.55	1.02	1.82										1.55				1.19					8					
29														1.57	1.38	1.49	1.81		1.52					1.64				1.74	1.25		8					
30																																0				
31																																0				
Monthly Cl₂ Avg.				1.53																																
Total Samples				125																																



ROUTINE POSITIVE DISTRIBUTION SAMPLES

Jul-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:				125						
Total number of routine distribution samples required:				100						