



Fluoridation & Chlorination

WSSN 2310

Apr-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	Chlorine 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		0.89	0.75		0.98				1.1						1.7	
2		0.75	0.71		1.04				1.0						1.7	
3		0.65	0.65		0.94				1.1						1.6	
4		0.55	0.67		0.86				1.1						1.8	
5		0.57	0.66		0.88				1.1						1.8	
6		0.65	0.65		1.03				1.0						1.6	
7		0.68	0.71		0.94				1.0						1.7	
8		0.66	0.56		0.87				1.0						1.7	
9		0.57	0.68		0.96				1.0						1.8	
10		0.58	0.54		1.02				1.0						1.7	
11		0.69	0.74		1.00				1.3						1.7	
12		0.67	0.77		1.07				1.0						1.7	
13		0.69	0.71		0.94				1.0						1.6	
14		0.51	0.54		1.05				1.0						1.7	
15		0.55	0.53		1.02				1.0						1.7	
16		0.57	0.58		1.02				1.1						1.7	
17		0.58	0.57		1.00				1.0						1.7	
18		0.67	0.74		0.99				1.1						1.8	
19		0.64	0.71		0.92				1.1						1.7	
20		0.61	0.64		0.91				1.0						1.6	
21		0.64	0.74		0.96				1.0						1.8	
22		0.65	0.69		0.97				1.0						1.7	
23		0.69	0.66		0.87				1.1						1.7	
24		0.64	0.63		0.92				1.1						1.7	
25		0.66	0.71		0.95				1.1						1.8	
26		0.78	0.69		0.92				1.1						1.6	
27		0.66	0.65		1.03				1.0						1.7	
28		0.68	0.73		1.01				1.0						1.6	
29		0.61	0.61		0.98				1.1						1.5	
30		0.70	0.75		1.03				1.0						1.6	
31																
AVG			0.67		0.97				1.0						1.7	
MAX			0.77		1.07				1.3						1.8	
MIN			0.53		0.86				1.0						1.5	



Chemical Analyses WSSN 2310 Apr-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	7.31	7.57		100		82		28	0.00	0.03		28.9		6.8		16
2	7.32	7.61		100		82		26	0.03	0.03		29.7		7.4		
3	7.28	7.55		102		86		30	0.01	0.02		28.9		7.3		
4	7.48	7.53		102		86		32	0.01	0.02		28.1		7.8		
5	7.40	7.49		104		80		38	0.02	0.01		26.5		9.2		
6	7.28	7.50		100		80		32	0.01	0.02		27.3		7.8		
7	7.30	7.53	96	102	78	86	24	28	0.01	0.02	28.9	29.7	5.8	6.8		
8	7.28	7.54		102		80		30	0.01	0.03		28.9		7.3		
9	7.27	7.52		100		76		30	0.01	0.02		28.1		7.3		
10	7.32	7.48		104		86		34	0.01	0.03		28.1		8.3		
11	7.36	7.44		102		86		32	0.05	0.03		28.1		7.8		
12	7.46	7.51		100		84		28	0.02	0.02		28.9		6.8		
13	7.26	7.55		102		86		32	0.01	0.01		28.1		7.8		
14	7.25	7.50	100	102	80	80	28	36	0.01	0.02	28.9	26.5	6.8	8.7		
15	7.31	7.52		102		84		30	0.01	0.01		28.9		7.3		
16	7.26	7.49		102		82		30	0.01	0.02		28.9		7.3		
17	7.35	7.52		104		84		34	0.01	0.01		28.1		8.3		
18	7.38	7.44		104		78		36	0.01	0.02		27.3		8.8		
19	7.33	7.52		100		78		30	0.01	0.00		28.1		7.3		
20	7.32	7.63		102		84		32	0.00	0.00		28.1		7.8		
21	7.37	7.58	96	98	80	82	26	32	0.01	0.01	28.1	26.5	6.3	7.8		
22	7.28	7.58		102		88		30	0.01	0.01		28.9		7.3		
23	7.30	7.63		100		80		30	0.01	0.01		28.1		7.3		
24	7.45	7.63		104		84		38	0.07	0.03		26.5		9.2		
25	7.27	7.54		102		82		36	0.01	0.02		26.5		8.75		
26	7.38	7.63		100		84		30	0.01	0.01		28.1		7.3		
27	7.33	7.64		96		82		26	0.02	0.01		28.1		6.3		
28	7.30	7.59	102	100	80	84	30	30	0.00	0.00	28.9	28.1	7.3	7.3		
29	7.34	7.60		102		82		32	0.01	0.03		28.1		7.8		
30	7.30	7.58		102		82		30	0.01	0.01		28.9		7.3		
31																
AVG	7.33	7.55		101		83		31		0.02		28.1		7.7		16
MAX	7.48	7.64		104		88		38		0.03		29.7		9.2		16.0
MIN	7.25	7.44		96		76		26		0.00		26.5		6.3		16.0



WSSN 2310

Apr-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	9.7							
2						2/0			0.23	9.5							
3						2/0			0.23	9.8							
4						2/0			0.23	9.8							
5						2/0			0.21	8.4							
6						2/0			0.23	8.7							
7						2/0			0.23	9.0							
8						2/0			0.23	9.9							
9						2/0			0.23	9.7							
10						2/0			0.22	9.3							
11						2/0			0.23	9.2							
12						2/0			0.23	9.1							
13						2/0			0.24	10.6							
14						2/0			0.23	9.8							
15						2/0			0.23	9.7							
16						2/0			0.23	9.7							
17						2/0			0.23	8.7							
18						2/0			0.23	8.8							
19						2/0			0.22	9.4							
20						2/0			0.23	10.4							
21						2/0			0.22	10.1							
22						2/0			0.22	10.2							
23						2/0			0.22	9.9							
24						2/0			0.22	9.2							
25						2/0			0.22	9.4							
26						2/0			0.22	10.5							
27						2/0			0.22	10.0							
28						2/0			0.23	10.5							
29						2/0			0.23	11.0							
30						2/0			0.22	10.4							
31																	
AVG									0.23	9.7							
MAX									0.24	11.0							
MIN									0.21	8.4							



Distribution System Monitoring WSSN 2310

Apr-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-B	9	10	WR	12	13-B	14	15	16	17-B	18	19-B	20	26	27	28	29	30	21	22	23	24	25		
1														1.71	1.48	1.53	1.66	1.37	1.58					1.76					1.89	1.49		9
2	1.45			1.52	1.80															1.38											4	
3													1.13			1.71	1.73		1.44						1.83					1.64	6	
4																															0	
5																															0	
6	1.38	1.78		1.51	1.69													1.53					1.19							1.44	7	
7								1.87	1.37	1.79	1.18	1.25	1.79								1.49							1.49			8	
8														1.70	1.57	1.66	1.72		1.54					1.72				1.84	1.50		8	
9	1.42			1.58	1.84		1.56			1.22										1.05					1.50					7		
10																0.96	1.71		1.56												3	
11																															0	
12																															0	
13	1.45			1.55	1.65													1.43					1.04							1.68	6	
14							1.69	1.23	1.70	1.14	1.16	1.32									1.52						1.40				8	
15														1.62	1.55	1.07	1.68		1.55					1.72				1.79	1.32		8	
16	1.44			1.52	1.85		1.42			1.05										1.42					1.43						7	
17																1.51	1.71		1.58												3	
18																															0	
19																															0	
20	1.42	1.80		1.44	1.10													1.59					1.01							1.33	7	
21							1.80	1.19	1.69	1.08	1.19	1.80									1.18						1.34				8	
22													1.64	1.55	1.49	1.55		1.59					1.74			1.45		1.85	1.33		9	
23	1.42			1.59	1.94		1.56			1.13										1.09		1.83			1.77						8	
24																	1.48	1.67		1.52											3	
25																															0	
26																															0	
27	1.54	1.69		1.54	1.84													1.39					1.67							1.46	7	
28							1.68	1.29	1.74	1.13	1.14	1.76									1.57						1.30				8	
29													1.64	1.48	1.49	1.56		1.43					1.68			1.33		1.77	1.43		9	
30	1.22			1.48	1.56		1.54			1.17										1.15		1.68			1.31						8	
31																															0	
Monthly Cl₂ Avg.				1.50																												
Total Samples				130																												



Distribution System Monitoring

WSSN 2310

Apr-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-B	9	10	WR	12	13-B	14	15	16	17-B	18	19-B	20	26	27	28	29	30	21	22	23	24	25						
1														1.73	1.63	1.69	1.85	1.58	1.69					1.90					2.02	1.56		9				
2	1.50			1.62	1.92															1.48												4				
3												1.34			1.85	1.82		1.71						1.96							1.66	6				
4																																0				
5																																0				
6	1.56	1.92		1.60	1.82												1.65						1.24							1.50	7					
7							2.00	1.54	1.99	1.37	1.46	1.87									1.79						1.68				8					
8													1.88	1.73	1.85	1.88		1.71						1.93			2.05	1.68			8					
9	1.54			1.75	2.02		1.66			1.37										1.19					1.66						7					
10																1.12	1.90		1.72												3					
11																															0					
12																															0					
13	1.65			1.68	1.86													1.57					1.20							1.87	6					
14							1.88	1.49	1.90	1.29	1.38	1.52									1.84						1.56				8					
15													1.79	1.76	1.11	1.89		1.73						1.93			2.02	1.47			8					
16	1.66			1.74	2.04		1.65			1.22										1.59					1.64						7					
17																1.69	1.90		1.79												3					
18																															0					
19																															0					
20	1.61	1.97		1.63	1.84													1.75					1.23							1.60	7					
21							2.00	1.57	1.93	1.24	1.34	2.01									1.34						1.55				8					
22													1.87	1.74	1.56	1.78		1.81					1.93		1.60		2.02	1.39			9					
23	1.70			1.75	2.15		1.89			1.27										1.22		1.91		1.96							8					
24																1.67	1.86		1.70												3					
25																															0					
26																															0					
27	1.71	1.88		1.70	2.06													1.56					1.80							1.58	7					
28							1.94	1.46	1.82	1.36	1.33	1.94										1.85					1.49				8					
29													1.88	1.66	1.79	1.77		1.62					1.91				2.04	1.65			9					
30	1.49			1.73	1.82		1.62			1.36										1.39		1.92		1.52							8					
31																															0					
Monthly Cl₂ Avg.				1.69																																
Total Samples				130																																



ROUTINE POSITIVE DISTRIBUTION SAMPLES

Apr-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:				130						
Total number of routine distribution samples required:				100						