



Fluoridation & Chlorination WSSN 2310 Mar-21

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 OCI ⁻	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		0.57	0.67		0.80				1.1						1.7	
2		0.77	0.77		0.83				1.2						1.6	
3		0.62	0.51		0.82				1.1						1.7	
4		0.81	0.83		0.80				1.1						1.7	
5		0.73	0.66		0.82				1.1						1.6	
6		0.57	0.68		0.83				1.2						1.7	
7		0.80	0.92		0.81				1.1						1.7	
8		0.82	0.84		0.83				1.1						1.7	
9		0.59	0.49		0.85				1.2						1.7	
10		0.58	0.54		0.82				1.1						1.7	
11		0.53	0.59		0.88				1.1						1.7	
12		0.74	0.71		0.84				1.1						1.7	
13		0.67	0.69		0.87				1.1						1.7	
14		0.71	0.81		0.93				1.1						1.8	
15		0.64	0.79		0.90				1.1						1.6	
16		0.54	0.55		0.92				1.1						1.7	
17		0.59	0.64		0.88				1.1						1.7	
18		0.85	0.84		0.88				1.1						1.7	
19		0.72	0.67		0.87				1.1						1.7	
20		0.66	0.69		0.93				1.1						1.7	
21		0.79	0.78		0.88				1.1						1.8	
22		0.73	0.73		0.93				1.1						1.6	
23		0.67	0.61		0.91				1.1						1.7	
24		0.84	0.84		0.90				1.1						1.7	
25		0.75	0.75		0.86				1.2						1.7	
26		0.63	0.56		0.85				1.1						1.7	
27		0.61	0.72		0.86				1.2						1.7	
28		0.65	0.59		0.86				1.2						1.7	
29		0.65	0.61		0.97				1.1						1.6	
30		0.68	0.68		1.01				1.1						1.7	
31		0.61	0.62		1.00				1.1						1.6	
AVG			0.69		0.88				1.1						1.7	
MAX			0.92		1.01				1.2						1.8	
MIN			0.49		0.80				1.1						1.6	



Chemical Analyses WSSN 2310 Mar-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	7.23	7.49		100		80		28	0.03	0.02		28.9		6.8		15
2	7.28	7.53	98	100	####	80	28.0	32	0.02	0.03	28.1	28.9	6.8	7.8	15.0	14
3	7.29	7.57		100		80		28	0.02	0.01		28.9		6.8		15
4	7.27	7.44		100		78		30	0.01	0.03		28.1		7.3		16
5	7.30	7.66		100		82		32	0.03	0.02		27.3		7.8		14
6	7.24	7.48		100		78		28	0.00	0.01		28.9		6.8		15
7	7.37	7.41		100		80		36	0.02	0.02		25.7		8.7		16
8	7.26	7.46		100		78		28	0.01	0.02		28.9		6.8		14
9	7.20	7.48	102	100	78	80	34	30	0.00	0.00	27.3	28.1	8.3	7.3	15	14
10	7.24	7.51		100		80		30	0.01	0.01		28.1		7.3		15
11	7.23	7.51		102		80		30	0.00	0.01		28.9		7.3		15
12	7.22	7.62		104		82		32	0.00	0.01		28.9		7.8		15
13	7.31	7.46		104		82		34	0.01	0.06		28.1		8.3		16
14	7.27	7.49		104		84		32	0.00	0.00		28.9		7.8		16
15	7.29	7.55		100		82		26	0.02	0.08		29.7		6.3		16
16	7.29	7.56	102	104	74	84	32	32	0.01	0.02	28.1	28.9	7.8	7.8	15	14
17	7.23	7.53		104		84		30	0.01	0.00		29.7		7.3		15
18	7.23	7.49		102		80		30	0.02	0.02		28.9		7.3		15
19	7.29	7.70		100		82		30	0.03	0.03		28.3		7.3		15
20	7.20	7.51		102		82		30	0.00	0.02		28.9		7.3		15
21	7.26	7.50		102		84		28	0.03	0.02		29.7		6.8		15
22	7.29	7.48		102		80		30	0.01	0.01		28.9		7.3		15
23	7.21	7.49	102	102	76	82	30	28	0.01	0.01	28.9	28.1	7.3	6.8	16	14
24	7.19	7.41		102		80		32	0.00	0.02		28.1		7.8		14
25	7.19	7.48		102		80		30	0.01	0.02		28.1		7.3		15
26	7.28	7.47		102		84		32	0.03	0.06		28.1		7.8		15
27	7.26	7.48		102		82		34	0.01	0.01		27.3		8.3		15
28	7.28	7.48		100		80		30	0.02	0.01		28.1		7.3		15
29	7.27	7.52		100		78		30	0.01	0.00		28.1		7.3		15
30	7.33	7.57	100	100	76	80	32	30	0.00	0.01	27.3	28.1	7.8	7.3	14	13
31	7.21	7.49		102		80		34	0.02	0.03		27.3		8.3		15
AVG	7.26	7.51		101		81		31		0.02		28.4		7.4		15
MAX	7.37	7.70		104		84		36		0.08		29.7		8.7		16.0
MIN	7.19	7.41		100		78		26		0.00		25.7		6.3		13.0



WSSN 2310

Mar-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	73	74
			Dort	3MG Well	Sta II	Lab Tap											
	60	61	62	63	64	65											
1						2/0			0.23	8.3							
2						2/0			0.23	8.3							
3						2/0			0.23	8.3							
4						2/0			0.23	8.3							
5						2/0			0.23	6.3							
6						2/0			0.23	7.9							
7						2/0			0.23	7.6							
8						2/0			0.22	7.7							
9						2/0			0.23	8.2							
10						2/0			0.23	8.8							
11						2/0			0.24	9.5							
12						2/0			0.24	6.8							
13						2/0			0.24	6.3							
14						2/0			0.24	6.5							
15						2/0			0.24	8.7							
16						2/0			0.24	8.3							
17						2/0			0.24	8.8							
18						2/0			0.24	8.5							
19						2/0			0.23	6.9							
20						2/0			0.24	8.2							
21						2/0			0.24	7.3							
22						2/0			0.24	8.7							
23						2/0			0.23	8.8							
24						2/0			0.24	10.2							
25						2/0			0.23	9.9							
26						2/0			0.23	8.1							
27						2/0			0.23	7.7							
28						2/0			0.22	7.6							
29						2/0			0.23	9.3							
30						2/0			0.23	9.5							
31						2/0			0.23	9.9							
AVG									0.23	8.2							
MAX									0.24	10.2							
MIN									0.22	6.3							



Distribution System Monitoring WSSN 2310

Mar-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	1.35	1.55		1.42	1.56	1.61											1.28						1.29							1.26	8
2								1.55	1.30	1.55	1.60										1.45						1.27				6
3														1.52	1.28	1.70	1.56		1.43					1.71		1.44		1.59	1.71		9
4	1.18			1.55	1.42						1.69									1.27			1.55			1.43					7
5												1.47				1.67	1.63		1.47												4
6																															0
7																															0
8	1.31	1.56		1.57	1.70	1.47											1.41							1.59						1.43	8
9								1.58	1.40	1.51	1.53										1.54						1.56				6
10														1.66	1.46	1.65	1.62		1.52					1.52		1.47		1.24	1.63		9
11	1.45			1.53		1.68					1.48	1.29								0.77			1.72		1.36						8
12													1.60			1.62	1.70		1.57												4
13																															0
14																															0
15	1.35	1.52		0.94	1.45													1.46						1.05						1.56	7
16								1.57	1.25	1.51	1.38										1.52						1.09				6
17														1.68	1.18	1.50	1.55		1.33					1.66		1.37		1.48	1.08		9
18	1.37			1.55	1.03						1.45	1.20								1.21			1.59		1.45						8
19													1.54			1.57	1.39		1.36												4
20																															0
21																															0
22	1.42	1.58		1.47	1.59	1.21												1.41						0.99						1.44	8
23								1.39	0.95	1.45	1.48										1.57						1.13				6
24														1.63	0.95	0.81	1.26		1.65					1.62		1.48		1.59	1.49		9
25	1.43			1.46	1.17						1.48	1.07								1.20			1.23		1.11						8
26													1.65			1.57	1.57		1.38												4
27																															0
28																															0
29	1.41	1.70		1.36	1.37	0.85												1.33						1.42						1.39	8
30								1.61	0.96	1.62	1.42										1.44					1.36	1.17				7
31														1.35	1.10	1.54	1.52		1.33					1.64				1.67	1.56		8
Monthly Cl₂ Avg.					1.43																										
Total Samples					136																										



Distribution System Monitoring

WSSN 2310

Mar-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	1.84	1.83		1.79	1.85	1.75											1.57						1.66							1.64	8					
2							1.92	1.50	1.89	1.78											1.88						1.46				6					
3													1.82	1.52	1.85	1.84		1.63					1.87			1.69		1.85	1.83		9					
4	1.73			1.86	1.95					1.83									1.53		1.92				1.67						7					
5												1.82			1.82	1.83		1.69													4					
6																															0					
7																															0					
8	1.60	1.90		1.82	1.86	1.79											1.67						1.79							1.75	8					
9							1.90	1.54	1.74	1.81											1.61						1.68				6					
10													1.76	1.81	1.84	1.78		1.68					1.80			1.72		1.43	1.83		9					
11	1.62			1.87	1.86					1.73	1.57								1.26		1.99			1.58							8					
12												1.87			1.88	1.86		1.81													4					
13																															0					
14																															0					
15	1.68	1.92		1.71	1.70												1.67						1.44							1.81	7					
16							1.94	1.42	1.83	1.73										1.81							1.40				6					
17													1.90	1.64	1.79	1.84		1.63					1.82			1.55		2.01	1.75		9					
18	1.66			1.81	1.90					1.77	1.36								1.42		1.84			1.52							8					
19												1.82			1.72	1.67		1.57													4					
20																															0					
21																															0					
22	1.61	1.85		1.74	1.87	1.57												1.59					1.19							1.58	8					
23							1.80	1.12	1.75	1.66										1.73							1.39				6					
24													1.79	1.42	1.67	1.72		1.92					1.87			1.68		1.84	1.72		9					
25	1.65			1.71	1.87					1.73	1.42								1.37		1.95			1.38							8					
26												1.78			1.68	1.71		1.62													4					
27																															0					
28																															0					
29	1.53	1.87		1.61	1.64	1.05												1.59					1.60							1.49	8					
30							1.79	1.12	1.79	1.61											1.72					1.56	1.31				7					
31														1.59	1.56	1.70	1.84		1.56					1.81							8					
Monthly Cl₂ Avg.				1.71																																
Total Samples				136																																

