



Fluoridation & Chlorination

WSSN 2310

Nov-18

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		0.67	0.71		0.97				1.0						1.6	
2		0.74	0.78		1.04				0.9						1.7	
3		0.68	0.64		0.95				1.0						1.7	
4		0.67	0.77		0.92				1.0						1.6	
5		0.69	0.78		1.01				0.9						1.6	
6		0.63	0.68		1.04				1.0						1.5	
7		0.67	0.72		0.92				0.9						1.6	
8		0.67	0.73		1.12				0.9						1.6	
9		0.63	0.61		1.14				1.0						1.7	
10		0.67	0.67		1.05				1.0						1.7	
11		0.67	0.74		1.06				1.0						1.7	
12		0.66	0.69		1.03				1.1						1.6	
13		0.67	0.70		0.97				1.0						1.6	
14		0.71	0.69		1.09				1.0						1.6	
15		0.78	0.78		1.09				1.0						1.7	
16		0.64	0.70		1.06				1.1						1.7	
17		0.67	0.64		1.09				1.0						1.7	
18		0.71	0.66		1.02				1.0						1.6	
19		0.72	0.72		0.83				1.0						1.6	
20		0.62	0.71		1.05				0.9						1.6	
21		0.70	0.67		1.00				1.0						1.7	
22		0.70	0.73		0.96				1.0						1.6	
23		0.62	0.66		0.91				1.1						1.6	
24		0.71	0.74		0.93				1.2						1.6	
25		0.68	0.68		1.16				1.0						1.7	
26		0.69	0.74		1.08				1.0						1.6	
27		0.73	0.80		1.10				1.1						1.7	
28		0.75	0.79		0.89				1.0						1.6	
29		0.76	0.70		0.92				1.1						1.6	
30		0.60	0.78		0.99				0.8						1.5	
31																
AVG		0.68	0.71		1.01				1.0						1.6	
MAX		0.78	0.80		1.16				1.2						1.7	
MIN		0.60	0.61		0.83				0.8						1.5	



Chemical Analyses WSSN 2310 Nov-18

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	7.49	7.54		102		80		32	0.00	0		28.1		7.8		13
2	7.49	7.54		100		84		30	0.01	0.0		28.1		7.3		14
3	7.40	7.52		100		78		30	0.00	0.01		28.1		7.3		15
4	7.45	7.47		100		70		40	0.06	0.02		24.0		9.7		14
5	7.50	7.49		100		76		30	0.02	0.01		28.1		7.3		15
6	7.47	7.48	104	106	84	82	34	36	0.02	0.03	28.1	28.1	8.7	8.3		13
7	7.50	7.42		100		84		30	0.01	0.01		28.1		7.3		15
8	7.44	7.56		106		82		36	0.01	0.01		28.1		8.7		13
9	7.53	7.52		92		78		24	0.02	0.03		27.3		5.8		13
10	7.50	7.49		100		80		36	0.02	0.03		25.7		8.7		14
11	7.50	7.57		100		84		30	0.01	0.01		28.1		7.3		12
12	7.44	7.50		106		84		36	0.03	0.00		28.1		8.7		12
13	7.44	7.51	104	106	82	84	34	36	0.01	0.02	28.1	28.1	8.3	8.7	13	13
14	7.49	7.53		100		74		30	0	0.00		28.1		7.3		15
15	7.45	7.48		100		80		30	0.01	0.02		28.1		7.3		11
16	7.48	7.54		94		80		24	0.02	0.02		28.1		5.8		13
17	7.45	7.47		102		80		28	0.01	0.02		29.7		6.8		13
18	7.44	7.50		100		80		36	0.01	0.01		25.7		8.7		13
19	7.46	7.50		102		82		30	0	0.01		28.9		7.3		15
20	7.44	7.48	98	100	82	80	26	30	0.02	0.02	72	28.1	6.3	7.3	15	15
21	7.44	7.47		100		80		30	0.02	0.02		28.1		7.3		15
22	7.40	7.46		100		82		30	0.01	0.03		28.1		7.3		16
23	7.30	7.46		104		84		34	0.03	0.02		28.1		8.3		12
24	7.43	7.53		100		82		32	0.02	0.02		27.1		7.8		16
25	7.42	7.60		106		84		38	0	0.01		27.3		9.2		12
26	7.43	7.48		100		82		32	0.01	0.01		27.3		7.8		16
27	7.44	7.48	100	100	78	80	32	28	0.02	0.01	27.3	28.9	7.78	6.8		14
28	7.49	7.57		100		82		30	0.02	0.01		28.1		7.3		15
29	7.46	7.52		102		82		34	0.01	0.02		27.3		8.26		16
30	7.32	7.53		98		82		30	0.04	0.06		27.3		7.29		16
31																
AVG	7.45	7.51		101		81		32		0.02		27.7		7.7		14
MAX	7.53	7.60		106		84		40		0.06		29.7		9.7		16.0
MIN	7.30	7.42		92		70		24		0.00		24.0		5.8		11.0



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D A T E	Total Coliform						66	Standard Plate Count		Conductivity (mS)	Temp deg.C	Color		Odor	
	Plant Tap							Raw	Tap			Raw	Tap	Raw	Tap
			Dort	3MG Well	Sta II	Lab Tap									
	60	61	62	63	64	65									
1						2/0			0.22	14.9					
2						2/0			0.22	14.6					
3						2/0			0.23	13.8					
4						2/0			0.22	14.1					
5						2/0			0.22	14.0					
6						2/0			0.22	14.1					
7						2/0			0.22	15.9					
8						2/0			0.22	13.7					
9						2/0			0.22	14.0					
10						2/0			0.21	14.5					
11						2/0			0.21	14.0					
12						2/0			0.22	13.8					
13						2/0			0.22	14.1					
14						2/0			0.22	13.6					
15						2/0			0.21	13.3					
16						2/0			0.23	13.3					
17						2/0			0.23	13.1					
18						2/0			0.23	12.6					
19						2/0			0.21	13.2					
20						2/0			0.22	13.4					
21						2/0			0.22	12.7					
22						2/0			0.21	12.0					
23						2/0			0.22	12.2					
24						2/0			0.22	12.5					
25						2/0			0.23	12.3					
26						2/0			0.21	12.1					
27						2/0			0.22	11.6					
28						2/0			0.20	12.3					
29						2/0			0.22	11.3					
30						2/0			0.23	11.2					
31															
AVG									0.22	13.3					
MAX									0.23	15.9					
MIN									0.20	11.2					



Distribution System Monitoring WSSN 2310

Nov-18

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	1.26	1.65	1.35	1.33	1.73																	1.49							1.26		7
2											1.14				1.40	1.40	1.15	1.20							1.50					0.89	7
3																															0
4																															0
5	1.10			1.27	1.66	1.01									1.36	1.44							0.94			1.10				8	
6							0.83	1.60	1.40	1.45		0.83	0.86	1.33					1.08		1.11									9	
7																															0
8	1.13	1.60	1.42	1.44	1.87																1.03		1.65		1.54			1.51	1.33	10	
9											0.85				1.18	1.15	1.46	1.07	1.20						1.58				0.94	8	
10																															0
11																															0
12	1.37	1.59	1.40	1.42	1.85	1.51																				1.27				8	
13							1.22	1.58	1.63	1.35		1.37	0.86									1.18					1.24			8	
14														1.35	0.71	1.42	1.52	1.17	1.10					1.35			1.51			8	
15	1.21	1.63	1.15	0.98	1.48																1.05		1.58					1.38		8	
16											1.44				1.47	1.19	0.79	1.33							1.58				1.06	7	
17																															0
18																															0
19	1.15	1.50	1.42	1.42	1.79	1.42														0.99				1.49		1.08				9	
20							1.13	0.65	1.52	1.53		0.97										0.70	1.04				1.27			8	
21														1.30	0.95	1.56	1.45	1.20	1.30					0.84				1.66		8	
22																															0
23											1.55				1.35	1.62	1.10												1.24		5
24																															0
25																															0
26	1.26		1.27	1.41	1.17	1.29																		1.06						6	
27							1.27	1.61	1.62	1.55		0.94										1.24					1.29			7	
28													0.90	0.90	1.73	1.42	1.00	0.42						1.53			1.67			8	
29	1.20	1.43	1.38	1.44	1.38						0.66										1.10		1.55					1.35		9	
30											1.31				1.44	1.64	1.22	0.26							1.52				1.42	7	
31																															0
Monthly Cl₂ Avg.				1.29																											
Total Samples				136																											



Distribution System Monitoring

WSSN 2310

Nov-18

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	1.51	1.94	1.68	1.63	2.03																	1.80							1.51				7
2											1.43					1.78	1.71	1.34	1.39													1.31	7
3																																	0
4																																	0
5	1.34			1.52	1.97	1.65									1.71	1.71							1.13				1.48					8	
6							1.07	1.74	1.64	1.83		1.07	1.12	1.72						1.40		1.31										9	
7																																	0
8	1.37	1.79	1.64	1.65	2.06																	1.19		1.92		1.79			1.71	1.58		10	
9											1.35				1.46	1.73	1.80	1.42	1.53											1.79		1.20	8
10																																	0
11																																	0
12	1.61	1.89	1.64	1.66	2.04	1.72																		1.73			1.51					8	
13							1.55	1.79	1.75	1.79		1.79	1.24									1.37							1.48			8	
14														1.69	1.40	1.76	1.85	1.47	1.45							1.80			1.80			8	
15	1.57	2.03	1.67	1.60	2.00																	1.26		1.96						1.61		8	
16											1.78					1.77	1.92	1.49	1.59											1.93		1.44	7
17																																	0
18																																	0
19	1.47	1.86	1.73	1.67	2.00	1.71																1.19			1.71		1.50					9	
20							1.70	1.81	1.77	1.79			1.19										1.51	1.96				1.54				8	
21														1.59	1.34	1.77	1.73	1.43	1.56						1.85			1.91				8	
22																																	0
23											1.69					1.57	1.81	1.27												1.46		5	
24																																	0
25																																	0
26	1.51		1.63	1.61	1.39	1.46																		1.64								6	
27							1.59	1.85	1.92	1.79			1.13									1.48					1.55					7	
28														1.03	1.11	1.89	1.76	1.23	0.59						1.81			1.81				8	
29	1.38	1.72	1.59	1.62	1.79							1.33				1.89	1.76	1.23	0.59			1.45		1.80				1.40			9		
30											1.72					1.80	1.83	1.30	0.40										1.76			1.60	7
31																																	0
Monthly Cl₂ Avg.					1.61																												
Total Samples					136																												

