



Fluoridation & Chlorination

WSSN 2310

Sep-17

D A T E	Fluoride Applied F mg/l	Fluoride Analyses mg/l			Chlorine App. Mg/l			Chlorine Residual mg/l							
					Chlorine App. Mg/l	Chlorine (prior to filtration) mg/L OCI	Post Chlorine mg/L	Sta II	Dort	3MG Well	Tap				
		Raw	Tap	Dist							Free	Free	Free	Free	
		14	15	16	17	18	19	20	21	22	23	24	25	26	27
1		0.78		1.66				0.8						1.8	
2		0.71		1.52				0.8						1.9	
3		0.74		1.40				0.8						2.0	
4		0.70		1.35				0.9						1.7	
5		0.78		1.35				0.8						1.7	
6		0.87		1.26				0.7						1.7	
7		0.73		1.24				0.8						1.8	
8		0.84		1.52				0.7						1.9	
9		0.87		1.27				0.8						1.8	
10		0.81		1.35				0.9						1.9	
11		0.80		1.43				0.8						1.6	
12		0.77		1.67				0.8						1.9	
13		0.78		1.56				0.8						1.7	
14		0.77		1.65				0.8						1.9	
15		0.79		1.74				0.9						1.9	
16		0.79		1.77				0.9						1.8	
17		0.79		1.80				0.8						1.8	
18		0.78		1.95				0.8						1.9	
19		0.75		1.63				0.8						1.9	
20		0.75		1.42				0.7						1.7	
21		0.72		1.41				0.8						1.8	
22		0.73		1.35				0.8						1.7	
23		0.74		1.53				0.7						1.8	
24		0.74		1.47				0.7						1.7	
25		0.77		1.83				0.6						1.8	
26		0.78		1.59				0.7						1.9	
27		0.74		1.04				0.7						1.8	
28		0.74		1.21				0.8						1.7	
29		0.73		1.19				0.9						1.8	
30		0.75		1.23				0.8						1.8	
AVG		0.77		1.48				0.8						1.8	
MAX		0.87		1.95				0.9						2.0	
MIN		0.70		1.04				0.6						1.6	



Chemical Analyses WSSN 2310 Sep-17

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	CSII	Tap	CSII	Tap	CSII	Tap	CSII	Tap	CSII	Tap	CSII	Tap	CSII	Tap
	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
1	7.48	7.50	98	96	80	80	32	30	0.00	0.00	26.4	26.4	7.8	7.3	16	17
2	7.54	7.61		98		74		30	0.00	0.06		27.0		7.3		17
3	7.47	7.53		96		72		30	0.00	0.01		26.0		7.3		18
4	7.49	7.54		76		72		10	0.00	0.00		27.2		2.4		20
5	7.47	7.58	92	92	74	74	28	28	0.06	0.04	25.7	25.7	6.8	6.8	17	18
6	7.38	7.59		92		76		26	0.00	0.03		26.5		6.3		17
7	7.43	7.51		98		78		30	0.00	0.01		27.0		7.3		18
8	7.27	7.67		96		92		30	0.00	0.01		26.6		7.3		17
9	7.39	7.49	96	92	78	76	30	26	0.02	0.01	26	25.0	7	6.3	19	18
10	7.38	7.48		94		78		24	0.02	0.01		28.1		5.8		16
11	7.23	7.44		94	74	76		18	0.00	0.00		30.5		4.4		17
12	7.31	7.47	96	94	88	82	28	26	0.01	0.00	27.3	27.3	6.8	6.3	15	16
13	7.39	7.47		94		78		26	0.00	0.00		27.3		6.3		18
14	7.50	7.58		96		72		28	0.03	0.00		27.3		6.8		19
15	7.37	7.43		96		82		28	0.01	0.01		27.0		6.8		17
16	7.38	7.39		98		78		30	0.00	0.02		27.0		7.3		18
17	7.41	7.49		94		80		26	0.01	0.01		27.3		6.3		18
18	7.36	7.46		92		84		28	0.01	0.00		25.7		6.8		16
19	7.30	7.52	94	90	78	80	24	20	0.00	0.00	28	28.0	5.8	4.9	16	18
20	7.33	7.48		94		80		28	0.01	0.01		26.4		6.6		16
21	7.06	7.56		94		84		20	0.00	0.01		29.6		4.9		19
22	7.35	7.42		98		80		28	0.01	0.01		28.0		6.8		17
23	7.35	7.38		94		76		28	0.00	0.00		26.5		6.8		17
24	7.37	7.48		96		80		32	0.01	0.01		25.7		8.0		16
25	7.19	7.41		98		70		32	0.01	0.01		26.5		7.8		18
26	7.34	7.42	96	94	74	80	28	30	0.01	0.05	27.3	25.7	6.8	7.3	17	18
27	7.22	7.56		90		82		24	0.01	0.01		26.5		5.8		16
28	7.43	7.47		98		80		28	0.01	0.01		28.0		6.8		17
29	7.28	7.59		98		84		28	0.00	0.01		28.0		6.8		17
30	7.21	7.50		96		80		22	0.00	0.01		29.7		5.3		18
AVG	7.36	7.50		94		79		26		0.01		27.1		6.4		17
MAX	7.54	7.67		98		92		32		0.06		30.5		8.0		20.0
MIN	7.06	7.38		76		70		10		0.00		25.0		2.4		16.0



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DATE	Total Coliform						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	66	67	68	69		71	72	73	74
1					2/0	2/0				0.23	20.7				
2					2/0	2/0				0.23	19.6				
3					2/0	2/0				0.23	19.8				
4					2/0	2/0				0.23	20.0				
5					2/0	2/0				0.23	20.3				
6					2/0	2/0				0.23	20.4				
7					2/0	2/0				0.23	19.6				
8					2/0	2/0				0.23	19.4				
9					2/0	2/0				0.23	20.0				
10					2/0	2/0				0.23	20.3				
11					2/0	2/0				0.23	19.2				
12					2/0	2/0				0.23	20.8				
13					2/0	2/0				0.23	20.1				
14					2/0	2/0				0.22	18.8				
15					2/0	2/0				0.23	18.7				
16					2/0	2/0				0.23	18.9				
17					2/0	2/0				0.22	19.2				
18					2/0	2/0				0.22	19.0				
19					2/0	2/0				0.23	18.9				
20					2/0	2/0				0.22	20.8				
21					2/0	2/0				0.23	19.1				
22					2/0	2/0				0.22	19.2				
23					2/0	2/0				0.23	20.6				
24					2/0	2/0				0.23	20.2				
25					2/0	2/0				0.23	19.3				
26					2/0	2/0				0.23	20.0				
27					2/0	2/0				0.24	20.1				
28					2/0	2/0				0.24	20.1				
29					2/0	2/0				0.24	18.6				
30					2/0	2/0				0.24	18.0				
AVG										0.23	19.7				
MAX										0.24	20.8				
MIN										0.22	18.0				



Distribution System Monitoring WSSN 2310

Sep-17

DATE	Free Chlorine Residual at Bacteriological Monitoring Stations 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	21	22	23	24	25				
1	0.96		1.16	1.21								0.45							0.22						0.70	6			
2																											0		
3																											0		
4																											0		
5	1.28	1.63	1.31	1.19	1.34	1.14															0.95						7		
6							0.91	1.51	1.01	1.34		0.57											1.18				6		
7													0.77	0.71	0.61	0.58	1.37	0.40					1.29				7		
8							1.15	1.36	0.79	1.36									0.27	0.84				1.15			7		
9																											10		
10																											0		
11	1.14	1.19	1.31	1.20	1.59	0.82															0.97						7		
12							0.97	1.38	1.44	1.43		1.02											1.41				6		
13													0.62	0.81	0.76	0.80	1.40	0.53					1.59				7		
14							1.03	1.51	1.47	1.53									0.46					1.01			6		
15	0.97		1.34	1.42								1.15													1.29		5		
16																											0		
17																											0		
18	1.03	1.03	1.26	1.20	1.53	0.35															0.91						7		
19							1.09	1.61	1.62	1.57		1.25											1.04				6		
20													0.81	0.98	1.25	0.97	1.43	0.83					1.31				7		
21							0.99	1.59	0.92	1.45										0.30	1.03			1.25			7		
22	1.09		1.21	1.15								0.80													1.06		5		
23																											0		
24																											0		
25	1.09	1.33	1.21	1.22	1.38	1.11															0.94						7		
26							1.12	1.53	1.50	1.52		1.24										1.03					6		
27													1.07	1.16	1.12	0.65	1.40	0.87					1.18				7		
28																											0		
29	1.03		1.17	1.20								0.62													0.78		5		
30																											0		
Monthly Cl₂ Avg.				1.10																									
Total Samples				121																									



Distribution System Monitoring

WSSN 2310

Sep-17

DATE	Total Chlorine Residual at Bacteriological Monitoring Stations 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	21	22	23	24	25			
1	1.10		1.33	1.32								0.63							0.36							1.05	6	
2																												0
3																												0
4																												0
5	1.42	1.85	1.45	1.42	1.49	1.31																1.13						7
6							1.22	1.71	1.36	1.59		0.73											1.34					6
7													0.94	0.89	0.81	0.84	1.52	0.57							1.46			7
8							1.27	1.57	1.00	1.50										0.38	1.08				1.33			7
9																												0
10																												0
11	1.31	1.35	1.52	1.41	1.78	1.10																1.13						7
12							1.17	1.67	1.64	1.61		1.26												1.58				6
13													0.74	0.88	0.82	0.93	1.50	0.69							1.68			7
14							1.18	1.64	1.61	1.60										0.53						1.21		6
15	1.09		1.37	1.52								1.40														1.36		5
16																												0
17																												0
18	1.14	0.61	1.33	1.31	1.69	0.45																1.01						7
19							1.18	1.68	1.63	1.65		1.30											1.17					6
20													0.91	1.06	1.35	1.07	1.57	0.96							1.44			7
21							1.10	1.66	0.98	1.59										0.37	1.10					1.31		7
22	1.16		1.31	1.27								0.94															1.13	5
23																												0
24																												0
25	1.24	1.33	1.39	1.37	1.54	1.34																1.12						7
26							1.27	1.70	1.64	1.66		1.41											1.12					6
27													1.20	1.28	1.33	0.79	1.56	1.01							1.32			7
28																												0
29	1.19		1.35	1.36								0.81															0.96	5
30																												0
Monthly Cl₂ Avg.				1.24																								
Total Samples				121																								

