



Flouridation & Chlorination

WSSN 2310

Apr-16

DATE	Fluoride Applied F- mg/l	Fluoride Analyses mg/l			Chlorine App. Mg/l			Chlorine Residual 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
1			0.76						0.9						0.8
2			0.75						0.9						0.9
3			0.70						0.9						0.9
4			0.73						1.0						0.9
5			0.73						0.9						0.9
6			0.73						1.0						0.8
7			0.72						0.9						0.8
8			0.66						1.0						0.9
9			0.68						1.0						0.8
10			0.71						1.0						0.9
11			0.67						0.8						0.8
12			0.67						0.8						0.8
13			0.68						0.8						0.8
14			0.67						0.9						0.9
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG			0.70						0.9						0.8
MAX			0.76						1.0						0.9
MIN			0.66						0.8						0.8



Chemical Analyses

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D A T E	pH		Total Hard as CaCO ₃ mg/l		Total Alk as CaCO ₃ mg/l		NonCarbonate Hardness as CaCO ₃ mg/l		Iron mg/L		Calcium Ca ++ mg/l		Magnesium as Mg ++ 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	39	40	41	42	43	44
1	7.29	7.19		100		70		30		0.01		32.9		4.4		11
2	7.35	7.20		98		70		28		0.01		36.1		1.9		11
3	7.27	7.19		100		70		30		0.01		36.1		2.4		11
4	7.27	7.16		100		68		32		0.01		38.5		1.0		12
5	7.25	7.17		100		70		30		0.01		33.7		3.9		12
6	7.32	7.21		98		70		28		0.01		31.5		4.9		11
7	7.30	7.20		100		68		32		0.00		38.5		0.9		11
8	7.26	7.21		98		68		30		0.02		38.5		0.5		11
9	7.28	7.18		98		68		30		0.01		32.9		3.9		10
10	7.26	7.20		98		70		28		0		32.1		4.4		11
11	7.18	7.15		98		66		32		0.01		34.5		3.0		11
12	7.20	7.11		102		68		34		0.01		34.5		3.9		10
13	7.24	7.12		98		68		30		0.01		32.9		3.9		11
14	7.27	7.12		102		68		34		0.01		32.9		4.9		12
15								0								
16								0								
17								0								
18								0								
19								0								
20								0								
21								0								
22								0								
23								0								
24								0								
25								0								
26								0								
27								0								
28								0								
29								0								
30								0								
AVG	7.27	7.17		99		69		14		0.01		34.7		3.1		11.1
MAX	7.35	7.21		102		70		34		0.02		38.5		4.9		12.0
MIN	7.18	7.11		98		66		0		0.00		31.5		0.5		10.0



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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	2 / 0				0.22	13.5				
2					2 / 0	2 / 0				0.19	9.2				
3					2 / 0	2 / 0				0.19	7.5				
4					2 / 0	2 / 0				0.19	7.4				
5					2 / 0	2 / 0			< 2	0.19	7.6				
6					2 / 0	2 / 0				0.19	10.3				
7					2 / 0	2 / 0				0.19	11.6				
8					2 / 0	2 / 0				0.19	11.3				
9					2 / 0	2 / 0				0.19	11.1				
10					2 / 0	2 / 0				0.15	10.8				
11					2 / 0	2 / 0				0.19	9.0				
12					2 / 0	2 / 0				0.15	10.6				
13					2 / 0	2 / 0				0.15	11.0				
14					2 / 0	2 / 0				0.15	10.9				
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
											10.1				
											13.5				
											7.4				



Distribution System Monitoring WSSN 2310 Apr-16

DATE	Free Chlorine Residual at Bacteriological Monitoring Stations mg/l										
	1	2	3	4	5	6	7	8	CS	WR	Number of Samples
1											0
2											0
3											0
4											0
5	0.90	1.00	0.80	0.90	0.80	0.40	0.80	0.90	1.60	2.20	10
6	0.80	0.70	0.80	0.64	0.66	0.30	0.64	0.79	1.50	1.99	10
7	0.79	0.50	0.76	0.68	0.61	0.25	0.62	0.76	1.30	2.00	10
8											0
9											0
10											0
11	0.75	0.66	0.64	0.87					1.00		5
12					0.54	0.25	0.66	0.80		1.96	5
13	0.90	0.80	0.60	0.80					1.20		5
14					0.60	0.30	0.70	0.80		2.20	5
15											0
16											0
17											0
18											0
19											0
20											0
21											0
22											0
23											0
24											0
25											0
26											0
27											0
28											0
29											0
30											0
Monthly Cl₂ Avg.				0.888							
Total Samples				50							



Distribution System Monitoring WSSN 2310 Apr-16

D A T E	Total Chlorine Residual at Bacteriological Monitoring Stations mg/l										
	1	2	3	4	5	6	7	8	CS	WR	Number of Samples
1											0
2											0
3											0
4											0
5	1.10	1.20	1.00	1.10	1.00	0.60	1.00	1.10	1.80	2.40	10
6	1.00	0.90	1.00	0.78	0.73	0.43	0.75	0.94	1.70	2.23	10
7	0.98	0.77	0.86	0.78	0.80	0.39	0.80	0.99	1.42	2.21	10
8											0
9											0
10											0
11	0.91	0.74	0.79	1.10					1.17		5
12					0.64	0.37	0.75	0.88		2.19	5
13	1.00	1.00	0.80	1.00					1.40		5
14					0.80	0.40	0.90	1.00		2.30	5
15											0
16											0
17											0
18											0
19											0
20											0
21											0
22											0
23											0
24											0
25											0
26											0
27											0
28											0
29											0
30											0
Monthly Cl₂ Avg.				1.058							
Total Samples				50							

