





**Fluoridation & Chlorination**

**WSSN 2310**

**Sep-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	Chlori ne App. Mg/l	Chlorine (prior to filtration) mg/L OCl <sup>-</sup>	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		0.70	0.70		1.39				0.7						1.6	
2		0.66	0.70		1.45				0.7						1.7	
3		0.65	0.65		1.41				0.7						1.7	
4		0.74	0.79		1.45				0.8						1.6	
5		0.74	0.75		1.50				0.8						1.7	
6		0.70	0.77		1.44				0.8						1.7	
7		0.74	0.74		1.42				0.8						1.6	
8		0.80	0.77		1.42				0.8						1.6	
9		0.84	0.87		1.44				0.8						1.6	
10		0.61	0.64		1.44				0.9						1.7	
11		0.68	0.71		1.32				0.8						1.7	
12		0.84	0.89		1.24				0.7						1.7	
13		0.74	0.70		1.22				0.8						1.7	
14		0.77	0.71		1.15				0.7						1.6	
15		0.81	0.75		1.18				0.8						1.7	
16		0.77	0.81		1.15				0.8						1.7	
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
AVG			0.75		1.35				0.8						1.7	
MAX			0.89		1.50				0.9						1.7	
MIN			0.64		1.15				0.7						1.6	



**Chemical Analyses**

**WSSN 2310**

**Sep-20**

DATE	pH		Total Hardness as CaCO <sub>3</sub> mg/l		Total Alkalinity as CaCO <sub>3</sub> mg/l		NonCarbonate Hardness as CaCO <sub>3</sub> mg/l		Iron mg/L		Calcium Ca <sup>2+</sup> mg/l		Magnesium as Mg <sup>2+</sup> mg/l		Chloride as Cl <sup>-</sup> 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	7.29	7.52	100	100	82	80	30	36	0.01	0.02	28.1	28.1	7.3	7.3	15	16
2	7.32	7.54		96		80		28	0.0	0.01		27.3		6.8		16
3	7.34	7.54		98		78		28	0	0.01		28.1		6.8		16
4	7.43	7.49		100		82		30	0.02	0.01		28.1		7.3		15
5	7.30	7.51		100		80		34	0.02	0.02		26.5		8.3		15
6	7.38	7.47		100		80		32	0.05	0.02		27.3		7.8		16
7	7.28	7.50		100		80		30	0	0.00		28.1		7.3		17
8	7.28	7.52	104	106	78	78	32	32	0.01	0.01	28.9	29.7	7.8	7.8	15	17
9	7.33	7.52		100		80		26	0.03	0.00		29.7		6.3		16
10	7.31	7.51		100		80		26	0.01	0.01		29.7		6.3		16
11	7.46	7.54		100		80		30	0.02	0.01		28.1		7.3		15
12	7.48	7.50		100		82		30	0.02	0.02		28.1		7.3		17
13	7.43	7.49		102		80		29	0.01	0.01		27.3		7.0		16
14	7.33	7.53		100		80		28	0.01	0.01		28.9		6.8		15
15	7.33	7.52	100	100	78	76	30	28	0.02	0.02	28.1	28.9	7.3	6.8	14	15
16	7.31	7.52		100		80		28	0.01	0.02		28.9		6.8		16
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
AVG	7.35	7.51		100		80		30		0.01		28.3		7.1		16
MAX	7.48	7.54		106		82		36		0.02		29.7		8.3		17.0
MIN	7.28	7.47		96		76		26		0.00		26.5		6.3		15.0



WSSN 2310

Sep-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
			Dort	3MG Well	Sta II	Lab Tap									
	60	61	62	63	64	65									
1						2/0			0.23	21.5					
2						2/0			0.23	21.6					
3						2/0			0.23	21.4					
4						2/0			0.23	21.1					
5						2/0			0.23	21.2					
6						2/0			0.23	21.0					
7						2/0			0.23	21.3					
8						2/0			0.23	21.3					
9						2/0			0.23	21.2					
10						2/0			0.23	21.1					
11						2/0			0.23	21.0					
12						2/0			0.23	21.4					
13						2/0			0.23	21.5					
14						2/0			0.23	21.8					
15						2/0			0.23	20.6					
16						2/0			0.23	20.5					
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG									0.23	21.2					
MAX									0.23	21.8					
MIN									0.23	20.5					



Distribution System Monitoring WSSN 2310

Sep-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	9	10	WR	12	13	14	15	16	17	18	19	20	26	27	28	29	30	21	22	23	24	25						
1							1.41	0.77	1.20	0.76	0.46										1.14							0.84				7				
2													1.37	1.13	1.29	1.43		1.11						1.44			0.99		1.68	0.96		9				
3	0.76			1.05	1.27						0.66									1.04			1.64								7					
4													1.07			1.41	1.41		1.24													4				
5																																0				
6																																0				
7	0.47			1.13	1.34													1.03												0.96	5					
8		1.64					1.44	0.97	1.48	0.46	0.31										1.35						0.76				8					
9						1.04							1.37	0.88	1.20	1.46		0.90						1.23	1.24		0.93		1.57	1.01	11					
10	0.86			1.34	1.24						0.36									0.80			1.62			1.60					7					
11													1.17			1.46	1.48		1.14												4					
12																																0				
13																																0				
14	0.92	1.38		1.42	0.82	1.23												1.16						1.30						0.91	8					
15							1.35	1.00	1.35	0.13	0.46										1.32						0.86				7					
16														0.45	0.79	1.22	1.52		0.89						1.52		1.01	0.86	1.45	0.98	9					
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				
31																																0				
<b>Monthly Cl<sub>2</sub> Avg.</b>				<b>1.12</b>																																
<b>Total Samples</b>				<b>72</b>																																



Distribution System Monitoring

WSSN 2310

Sep-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	9	10	WR	12	13	14	15	16	17	18	19	20	26	27	28	29	30	21	22	23	24		25	
1							1.59	0.89	1.51	1.31	0.60										1.43						1.00					7
2													1.53	1.29	1.64	1.52			1.31						1.61	1.10	1.00	1.83	1.18		9	
3	1.06			1.43	1.53						1.47									1.18			1.72		1.68						7	
4													1.18		1.55		1.52	1.38													4	
5																															0	
6																															0	
7	1.00			1.31	1.53												1.09												1.04		5	
8		1.72					1.58	1.00	1.57	1.44	0.49										1.44					1.08				8		
9						1.27							1.53	0.91	1.35	1.59			1.23				1.46	1.55				1.61	1.12	10		
10	1.03			1.51	1.45						1.14									0.89		1.69			1.73					7		
11													1.29		1.58	1.60			1.27											4		
12																															0	
13																															0	
14	1.17	1.71		1.55	1.64	1.53												1.33					1.36						1.07	8		
15							1.65	1.07	1.50	1.29	0.76										1.49					1.15				7		
16														1.56	1.07	1.30	1.65		1.30					1.66	1.14	1.15	1.52	1.13		9		
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	
31																															0	
<b>Monthly Cl<sub>2</sub> Avg.</b>				<b>1.37</b>																												
<b>Total Samples</b>				<b>72</b>																												

