





**Fluoridation & Chlorination                      WSSN 2310                      Jun-20**

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 OCl <sup>-</sup>	Post Chlorine mg/L	Sta II	Dort	3MG Well	Tap					
		Raw	Tap	Dist							Free	Free	Free	Free	Free	
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1		0.73	0.85		1.07				1.0						1.7	
2		0.72	0.72		1.06				1.0						1.6	
3		0.85	0.75		1.02				0.8						1.6	
4		0.70	0.72		1.02				1.0						1.6	
5		0.67	0.66		1.28				0.7						1.6	
6		0.66	0.74		1.11				1.0						1.7	
7		0.72	0.80		1.00				1.1						1.8	
8		0.78	0.85		0.98				1.0						1.7	
9		0.64	0.68		0.97				1.0						1.6	
10		0.89	0.70		1.00				0.9						1.6	
11		0.59	0.56		1.07				0.8						1.6	
12		0.83	0.84		1.17				0.9						1.7	
13		0.76	0.71		1.12				1.0						1.6	
14		0.79	0.74		1.01				1.0						1.8	
15		0.76	0.76		1.11				1.0						1.6	
16		0.69	0.64		1.07				1.0						1.7	
17		0.87	0.84		1.08				0.9						1.7	
18		0.78	0.77		1.11				0.9						1.6	
19		0.70	0.69		1.14				1.0						1.6	
20		0.76	0.80		1.16				0.9						1.7	
21		0.79	0.80		1.14				1.0						1.7	
22		0.73	0.75		1.00				1.0						1.6	
23		0.75	0.78		0.99				1.0						1.6	
24		0.77	0.86		1.06				0.9						1.6	
25		0.73	0.88		1.04				1.0						1.7	
26		0.80	0.93		1.07				1.1						1.7	
27		0.74	0.81		1.07				1.0						1.7	
28		0.73	0.67		1.04				1.0						1.7	
29		0.80	0.82		1.04				1.0						1.7	
30		0.68	0.69		1.04				0.9						1.7	
31																
AVG			0.76		1.07				1.0						1.7	
MAX			0.93		1.28				1.1						1.8	
MIN			0.56		0.97				0.7						1.6	



**Chemical Analyses                      WSSN 2310                      Jun-20**

D A T E	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	7.34	7.43		100		86		30	0	0.01		28.1		7.3		16
2	7.35	7.41	106	100	80	82	34.0	30	0.0	0.03	28.9	28.1	8.3	7.3	15.0	16
3	7.35	7.40		102		88		30	0.02	0.02		28.9		7.3		16
4	7.39	7.42		104		88		32	0.02	0.00		28.9		7.8		16
5	7.41	7.51		108		88		38	0.01	0.02		28.1		9.2		17
6	7.38	7.50		108		88		40	0.01	0.01		27.3		9.7		15
7	7.36	7.50		106		88		34	0.01	0.01		28.9		8.3		15
8	7.38	7.39		104		86		32	0.01	0.01		28.9		7.8		15
9	7.35	7.38	104	104	84	88	32	32	0.03	0.03	28.9	28.9	7.8	7.8	14	15
10	7.51	7.62		104		88		32	0.04	0.03		28.9		7.8		15
11	7.32	7.40		102		88		28	0.03	0.02		29.7		6.8		15
12	7.32	7.35		100		88		28	0	0.02		28.9		6.8		15
13	7.38	7.52		102		82		34	0.01	0.01		27.3		8.3		14
14	7.50	7.57		102		80		36	0.02	0.01		26.5		8.7		15
15	7.34	7.40		102		82		32	0.01	0.01		28.1		7.8		14
16	7.36	7.42	100	100	82	80	32	32	0.02	0.02	27.3	27.3	7.8	7.8	14	15
17	7.37	7.43		100		78		30	0.01	0.01		28.1		7.3		15
18	7.33	7.38		102		84		32	0	0.01		28.1		7.8		15
19	7.33	7.49		106		86		40	0.01	0.01		26.5		9.7		16
20	7.44	7.69		104		86		36	0.01	0.01		27.3		8.7		16
21	7.45	7.48		100		82		34	0.02	0.03		26.5		8.3		17
22	7.25	7.34		100		80		34	0	0.00		26.5		8.3		15
23	7.29	7.40	98	96	76	80	26	26	0.02	0.02	28.9	28.1	6.3	6.3	15	14
24	7.31	7.40		98		82		30	0	0.01		27.3		7.3		14
25	7.33	7.40		100		84		32	0.01	0.02		27.3		7.8		15
26	7.34	7.41		100		82		30	0.02	0.02		28.1		7.3		15
27	7.39	7.57		102		82		36	0	0.00		26.5		8.7		14
28	7.41	7.55		106		82		36	0.01	0.01		28.1		8.7		16
29	7.32	7.59		104		82		34	0.02	0.02		28.1		8.3		15
30	7.33	7.58	100	100	80	78	30	30	0.02	0.02	28.1	28.1	7.3	7.3	14	15
31																
AVG	7.36	7.46		102		84		33		0.02		27.9		7.9		15
MAX	7.51	7.69		108		88		40		0.03		29.7		9.7		17.0
MIN	7.25	7.34		96		78		26		0.00		26.5		6.3		14.0



WSSN 2310

Jun-20

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			0.24	12.7					
2						2/0			0.23	12.9					
3						2/0			0.23	14.0					
4						2/0			0.23	13.9					
5						2/0			0.24	12.3					
6						2/0			0.23	12.8					
7						2/0			0.24	13.2					
8						2/0			0.24	13.9					
9						2/0			0.24	13.7					
10						2/0			0.23	14.8					
11						2/0			0.23	13.3					
12						2/0			0.23	13.6					
13						2/0			0.22	13.1					
14						2/0			0.22	14.0					
15						2/0			0.22	14.5					
16						2/0			0.23	15.1					
17						2/0			0.22	14.7					
18						2/0			0.22	15.1					
19						2/0			0.23	14.6					
20						2/0			0.23	15.8					
21						2/0			0.22	16.5					
22						2/0			0.23	16.4					
23						2/0			0.23	16.1					
24						2/0			0.22	16.7					
25						2/0			0.23	16.6					
26						2/0			0.23	16.5					
27						2/0			0.22	16.2					
28						2/0			0.23	15.1					
29						2/0			0.23	15.2					
30						2/0			0.23	15.4					
31						/									
AVG									0.23	14.6					
MAX									0.24	16.7					
MIN									0.22	12.3					



Distribution System Monitoring WSSN 2310

Jun-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	1.29			1.46	1.50												1.23						1.01							1.30	6
2							1.66	1.31	1.46	0.95	1.18	1.75									1.48						1.12				8
3													1.58	1.51	1.49	1.71		1.49					1.63			1.34		1.72	1.33		9
4	1.49			1.53	1.73		1.58			1.13										0.79		1.70			1.39						8
5															1.59	1.63		1.42													3
6																															0
7																															0
8	1.34	1.60		1.55	1.77	1.52											1.12						0.73							1.32	8
9							1.71	1.11	1.33	1.05	0.90	1.17									1.20						1.01				8
10													1.43	1.35	1.55	1.22		0.61						1.55		1.33		1.71	1.10		9
11	1.32			1.48	1.72					1.33										1.25		1.71			1.63						7
12															1.41	1.52		1.03													3
13																															0
14																															0
15	1.15	1.73		1.45	1.56	1.00											1.11						0.67							1.06	8
16							1.62	1.07	1.32	1.41	0.93										1.14						1.09				7
17													1.61	1.41	1.45	1.42		1.32						1.62		1.34		1.70	1.18		9
18	1.65			1.51	1.77					1.17										1.30		1.45			0.84						7
19															1.49	1.58		1.35													3
20																															0
21																															0
22	1.16	1.61		1.46	1.76	1.52											0.98						1.11							1.49	8
23							1.46	1.02	1.52	1.26	0.36	1.64									1.36						0.98				8
24													1.50	1.13	1.49	1.56		1.32						1.36		1.16		1.73	1.12		9
25	1.12			1.33	1.53					1.04										0.98		1.61			1.66						7
26															1.30	1.55		1.19													3
27																															0
28																															0
29	1.22	1.26		1.38	1.51	1.52											1.02						1.41							1.46	8
30							1.47	1.00	1.47	1.11	0.87										1.34						1.06				7
31																															0
<b>Monthly Cl<sub>2</sub> Avg.</b>				<b>1.35</b>																											
<b>Total Samples</b>				<b>131</b>																											



Distribution System Monitoring

WSSN 2310

Jun-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	1.50			1.71	1.67												1.43						1.16							1.41	6					
2							1.82	1.49	1.62	1.11	1.23	1.85									1.62						1.28			8						
3														1.73	1.68	1.68	1.82		1.60					1.86		1.52		1.92	1.49	9						
4	1.66			1.70	1.93		1.64			1.38										1.11		1.80			1.48					8						
5															1.68	1.83		1.60												3						
6																														0						
7																														0						
8	1.41	1.79		1.64	1.94	1.69											1.26						0.82						1.41	8						
9							1.87	1.36	1.79	1.45	1.07	1.87									1.64						1.29			8						
10														1.75	1.51	1.73	1.68		1.46					1.73		1.56		1.85	1.18	9						
11	1.48			1.64	1.91					1.54										1.40		1.93			1.83					7						
12															1.69	1.66		1.49												3						
13																														0						
14																														0						
15	1.30	1.81		1.64	1.76	1.61											1.25						0.79						1.31	8						
16							1.85	1.16	1.65	1.60	1.13										1.58						1.19			7						
17														1.72	1.85	1.82	1.84		1.63					1.79		1.55		1.86	1.42	9						
18	1.70			1.70	2.02					1.51										1.47		1.70			1.15					7						
19															1.66	1.79		1.52												3						
20																														0						
21																														0						
22	1.43	1.74		1.63	2.01	1.71											1.24						1.21						1.66	8						
23							1.69	1.13	1.65	1.52	0.89	1.95									1.58						1.22			8						
24														1.67	1.47	1.59	1.67		1.47					1.78		1.30		1.88	1.26	9						
25	1.29			1.58	1.68					1.55										1.04		1.83			1.79					7						
26															1.49	1.75		1.50												3						
27																														0						
28																														0						
29	1.31	1.90		1.55	1.78	1.79											1.31						1.68						1.63	8						
30							1.72	1.17	1.65	1.23	1.08										1.60						1.21			7						
31																														0						
<b>Monthly Cl<sub>2</sub> Avg.</b>				<b>1.58</b>																																
<b>Total Samples</b>				<b>131</b>																																



**ROUTINE POSITIVE DISTRIBUTION SAMPLES**

**Jun-20**

Total number of positive routine samples:				Total Coliform: <u>0</u>			E.coli Bacteria: <u>0</u>		Chlorine Residual (mg/L)	
Date	Monitoring Station	Total Coliform	E.coli Bacteria	Date	Time	Retest of Station, Upstream & Downstream	Total Coliform	E.coli Bacteria	Free	Total
Total number of routine distribution samples analyzed:				<b>131</b>						
Total number of routine distribution samples required:				<b>100</b>						