Sep-16

DATE	Total Million Gallons Purchased	Phosphate as PO_4 (mg/L)	Phosphate applied as PO_4 (mg/L)	Phosphate as PO_4 (mg/L)	Turbidity, NTU units						
					Raw				Plant Tap		
		CSII		Tap	# of Samples	Avg.	Max		# of Samples	Avg.	Max
	1	1 A	1 B	6	7	8	9	10	11	12	13
1	13.7	1.27	2.25	3.38						0.11	0.13
2	13.8	1.37	2.24	3.46						0.12	0.13
3	13.7	1.36	2.19	3.43						0.16	0.20
4	13.3	1.36	2.26	3.46						0.18	0.20
5	14.6	1.24	2.27	3.33						0.15	0.17
6	11.4	1.15	2.27	3.32						0.14	0.19
7	11.9	1.08	2.26	3.27						0.08	0.09
8	13.0	1.07	2.24	3.19						0.11	0.12
9	13.1	1.13	2.27	3.33						0.12	0.15
10	12.5	1.15	2.25	3.24						0.13	0.14
11	12.4	1.36	2.24	3.58						0.11	0.12
12	13.3	1.13	2.25	3.25						0.15	0.16
13	14.8	1.31	2.26	3.41						0.15	0.18
14		1.34		3.43						0.10	0.11
15		1.40		3.55						0.15	0.18
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
AVG	13.20	1.25	2.25	3.38					#DIV/0!	0.13	0.15
MAX	14.84	1.40	2.27	3.58					0	0.18	0.20
MIN	11.44	1.07	2.19	3.19					0	0.08	0.09
Total	171.56										

Fluoridation & Chlorination **WSSN 2310** **Sep-16**

DATE	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^-	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	28
1			0.81		0.86				0.9					1.5	
2			0.76		0.77				0.6					1.5	
3			0.79		0.77				0.8					1.5	
4			0.82		0.78				0.8					1.3	
5			0.87		0.77				0.8					1.4	
6			0.86		0.79				0.7					1.4	
7			0.85		0.80				0.7					1.3	
8			0.83		0.82				0.8					1.4	
9			0.78		1.04				0.7					1.6	
10			0.81		1.05				0.8					1.6	
11			0.81		1.12				0.7					1.5	
12			0.82		1.12				0.7					1.5	
13			0.87		1.08				0.8					1.6	
14			0.87						0.8					1.5	
15			0.87						0.6					1.6	
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG			0.83		0.91				0.7					1.5	
MAX			0.87		1.12				0.9					1.6	
MIN			0.76		0.77				0.6					1.3	

Chemical Analyses **WSSN 2310** **Sep-16**

DATE	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	39	40	41	42	43	44
1	7.49	7.33		104		72		32		0.02		34.5		4.4		12
2	7.45	7.30		100		68		32		0.01		35.3		2.9		13
3	7.44	7.36		102		72		30		0.01		35.3		3.4		13
4	7.33	7.25		100		70		30		0.01		33.7		3.9		13
5	7.43	7.31		100		68		32		0.01		32.9		4.4		13
6	7.39	7.27		102		70		32		0.01		35.3		3.4		13
7	7.40	7.35		102		70		32		0.01		34.5		3.9		13
8	7.38	7.32		98		70		28		0.01		34.5		2.9		12
9	7.35	7.27		98		68		30		0.01		35.3		2.4		13
10	7.51	7.31		98		68		30		0.01		30.5		5.3		13
11	7.42	7.35		98		70		28		0.01		33.7		3.4		13
12	7.47	7.34		98		70		28		0.01		34.5		2.9		13
13	7.34	7.34		98		72		26		0.01		34.5		2.9		13
14	7.34	7.33		100		70		30		0.01		35.3		2.9		13
15	7.40	7.31		98		72		26		0.01		34.5		2.9		13
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
AVG	7.41	7.32		100		70		30		0.01		34.3		3.5		13
MAX	7.51	7.36		104		72		32		0.02		35.3		5.3		13.0
MIN	7.33	7.25		98		68		26		0.01		30.5		2.4		12.0

WSSN 2310 **Sep-16**

DATE	Total Coliform							Standard Plate Count		Conductivity (mS)	Temp deg.C	Color		Odor	
	Plant Tap														
			Dort	3MG Well	Sta II	Lab Tap		Raw	Tap			Raw	Tap	Raw	Tap
	60	61	62	63	64	65	66	67	68	69		71	72	73	74
1										0.21	16.0				
2										0.21	15.4				
3										0.21	15.3				
4										0.21	18.0				
5										0.21	20.1				
6										0.21	20.7				
7										0.21	20.9				
8										0.21	21.2				
9										0.21	21.4				
10										0.21	21.5				
11										0.21	21.2				
12										0.21	20.5				
13										0.21	20.6				
14										0.21	19.7				
15										0.21	19.7				
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG										0.21	19.5				
MAX										0.21	21.5				
MIN										0.21	15.3				

Distribution System Monitoring WSSN 2310 Sep-16

DATE	Free Chlorine Residual at Bacteriological Montioring Stations mg/l										
	1	2	3	4	5	6	7	8	CS	WR	Number of Samples
1	1.34	1.15	1.21	1.11	0.83	0.41	1.15	1.11	1.16	1.23	10
2											0
3											0
4											0
5											0
6	1.19	0.97	1.10	1.11	0.73	0.34	1.15	1.03	1.62	1.28	10
7	1.20	1.01	1.01	0.97	1.08	0.34	1.15	1.14	1.15	1.24	10
8	1.20	0.99	1.08	0.83	0.84	0.44	1.15	1.10	1.36	1.38	10
9											0
10											0
11											0
12											0
13	1.37	1.17	1.09	0.97	0.81	0.64	1.20	1.33	1.08	2.01	10
14	1.24	0.91	1.18	0.84	0.82	0.60	0.96	1.24	1.10	1.12	10
15	1.42	1.18	1.20	1.04	1.02	0.53	1.09	1.22	0.90	1.11	10
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 Cl_2 Avg.				**1.061**							
Total Samples				**70**							

Distribution System Monitoring WSSN 2310 Sep-16

DATE	Total Chlorine Residual at Bacteriological Montioring Stations mg/l										
	1	2	3	4	5	6	7	8	CS	WR	Number of Samples
1	1.52	1.35	1.44	1.39	1.09	0.64	1.45	1.45	1.33	1.48	10
2											0
3											0
4											0
5											0
6	1.39	1.15	1.22	1.34	0.97	0.48	1.30	1.36	1.80	1.46	10
7	1.39	1.14	1.26	1.09	1.23	0.46	1.28	1.46	1.32	1.43	10
8	1.34	1.16	1.26	1.10	1.00	0.61	0.28	1.25	1.47	1.54	10
9											0
10											0
11											0
12											0
13	1.56	1.37	1.38	1.18	1.00	0.88	1.50	1.51	1.22	2.20	10
14	1.54	1.18	1.40	1.15	1.02	0.74	1.24	1.47	1.26	1.32	10
15	1.52	1.37	1.38	1.20	1.17	0.68	1.47	1.43	1.80	1.32	10
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 Cl_2 Avg.	**1.259**
Total Samples	**70**

ROUTINE POSITIVE DISTRIBUTION SAMPLES

Sep-16

Total number of positive routine samples:				Total Coliform: 0			E.coli Bacteria: 0		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:	**70**
Total number of routine distribution samples required:	**100**