

**SAM      E-001      October 2008**

<b>Date</b>	<b>Plant Infl Flow Min</b>	<b>Plant Infl Flow Max</b>	<b>Plant Inf Flow</b>	<b>Inf Comp BOD</b>	<b>Final Eff Comp BOD</b>
01-Oct-08	0.330	2.990	1.431		
02-Oct-08	0.390	3.030	1.599	420	16.0
03-Oct-08	0.410	2.840	1.619		
04-Oct-08	0.620	3.400	1.940		
05-Oct-08	0.590	3.220	1.859		
06-Oct-08	0.480	3.150	1.618		
07-Oct-08	0.540	3.110	1.645		
08-Oct-08	0.450	3.080	1.598		
09-Oct-08	0.440	3.070	1.619	340	14.0
10-Oct-08	0.520	3.030	1.670		
11-Oct-08	0.460	3.090	1.768		
12-Oct-08	0.480	3.190	1.804	390	16.0
13-Oct-08	0.490	3.000	1.630		
14-Oct-08	0.410	2.920	1.577		
15-Oct-08	0.450	2.950	1.567		
16-Oct-08	0.430	3.160	1.567		
17-Oct-08	0.410	2.990	1.590		
18-Oct-08	0.460	3.310	1.755		
19-Oct-08	0.490	3.460	1.849		
20-Oct-08	0.490	2.890	1.683		
21-Oct-08	0.440	2.780	1.554	450	16.0
22-Oct-08	0.460	2.940	1.518		
23-Oct-08	0.320	2.890	1.485		
24-Oct-08	0.460	2.880	1.622		
25-Oct-08	0.500	3.150	1.740		
26-Oct-08	0.470	3.210	1.812		
27-Oct-08	0.360	2.710	1.555		
28-Oct-08	0.430	2.810	1.600	400	5.3
29-Oct-08	0.420	2.620	1.618		
30-Oct-08	0.330	3.040	1.606		
31-Oct-08	0.540	2.770	1.597		
<b>Count</b>	<b>31</b>	<b>31</b>	<b>31</b>	<b>5</b>	<b>5</b>
<b>Minimum</b>	<b>0.320</b>	<b>2.620</b>	<b>1.431</b>	<b>340</b>	<b>5.3</b>
<b>Average</b>	<b>0.454</b>	<b>3.022</b>	<b>1.648</b>	<b>400</b>	<b>13.5</b>
<b>Maximum</b>	<b>0.620</b>	<b>3.460</b>	<b>1.940</b>	<b>450</b>	<b>16.0</b>
<b>Percent Removal</b>					
<b>5 Sample Median</b>					
<b>High</b>					
<b>Low</b>					
<b>Daily Max</b>					
<b>Weekly Average</b>					<b>45</b>
<b>Monthly Average</b>					<b>30</b>

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<b>Date</b>	<b>Final Eff Comp BOD Removal</b>	<b>Inf Comp SS</b>	<b>Final Eff Comp SS</b>	<b>Final Eff Comp SS Removal</b>
01-Oct-08		280	14.0	95.0%
02-Oct-08	96.2%	290	15.0	94.8%
03-Oct-08				
04-Oct-08				
05-Oct-08				
06-Oct-08				
07-Oct-08				
08-Oct-08		250	13.0	94.8%
09-Oct-08	95.9%	260	18.0	93.1%
10-Oct-08				
11-Oct-08		250	18.0	92.8%
12-Oct-08	95.9%	280	15.0	94.6%
13-Oct-08				
14-Oct-08				
15-Oct-08				
16-Oct-08				
17-Oct-08				
18-Oct-08				
19-Oct-08				
20-Oct-08		300	16.0	94.7%
21-Oct-08	96.4%	280	17.0	93.9%
22-Oct-08				
23-Oct-08				
24-Oct-08				
25-Oct-08				
26-Oct-08				
27-Oct-08		330	12.0	96.4%
28-Oct-08	98.7%	280	10.0	96.4%
29-Oct-08				
30-Oct-08				
31-Oct-08				
<b>Count</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>Minimum</b>	<b>95.9%</b>	<b>250</b>	<b>10.0</b>	<b>92.8%</b>
<b>Average</b>	<b>96.6%</b>	<b>280</b>	<b>14.8</b>	<b>94.7%</b>
<b>Maximum</b>	<b>98.7%</b>	<b>330</b>	<b>18.0</b>	<b>96.4%</b>
<b>Percent Removal</b>	<b>85%</b>			<b>85%</b>
<b>5 Sample Median</b>				
<b>High</b>				
<b>Low</b>				
<b>Daily Max</b>				
<b>Weekly Average</b>			<b>45</b>	
<b>Monthly Average</b>			<b>30</b>	

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Date	Final Eff Grab Sett Matt	Chlorine Violation Magnitude	Chlorine Violation Duration	Final Eff Comp Turbidity	Final Eff Grab pH Low	
01-Oct-08	<	0.1	0.00	0.00	8.4	7.30
02-Oct-08		0.1	0.00	0.00	9.7	7.14
03-Oct-08	<	0.1	0.00	0.00		7.06
04-Oct-08	<	0.1	0.00	0.00		7.09
05-Oct-08	<	0.1	0.00	0.00		6.97
06-Oct-08		0.1	0.00	0.00		6.98
07-Oct-08	<	0.1	0.00	0.00		7.10
08-Oct-08		0.1	0.00	0.00	8.9	7.05
09-Oct-08		0.2	0.00	0.00	9.7	7.20
10-Oct-08		0.2	0.00	0.00		7.09
11-Oct-08		0.2	0.00	0.00	9.6	7.02
12-Oct-08		0.2	0.00	0.00	9.3	6.79
13-Oct-08		0.2	0.00	0.00		6.80
14-Oct-08		0.1	0.00	0.00		7.03
15-Oct-08		0.3	0.00	0.00		7.12
16-Oct-08		0.3	0.00	0.00		6.93
17-Oct-08		0.2	0.00	0.00		7.04
18-Oct-08		0.2	0.00	0.00		7.05
19-Oct-08		0.2	0.00	0.00		7.05
20-Oct-08		0.1	0.00	0.00	8.3	7.00
21-Oct-08		0.1	0.00	0.00	8.4	7.06
22-Oct-08	<	0.1	0.00	0.00		6.98
23-Oct-08	<	0.1	0.00	0.00		7.09
24-Oct-08		0.2	0.00	0.00		6.95
25-Oct-08		0.2	0.00	0.00		7.09
26-Oct-08	<	0.1	0.00	0.00		7.05
27-Oct-08	<	0.1	0.00	0.00	6.1	6.91
28-Oct-08	<	0.1	0.00	0.00	5.2	7.26
29-Oct-08	<	0.1	0.00	0.00		6.87
30-Oct-08	<	0.1	0.00	0.00		6.75
31-Oct-08	<	0.1	0.00	0.00		6.94
<b>Count</b>		<b>31</b>	<b>31</b>	<b>31</b>	<b>10</b>	<b>31</b>
Minimum	<	0.1	0.00	0.00	5.2	6.75
Average	<	0.1	0.00	0.00	8.4	7.02
Maximum		0.3	0.00	0.00	9.7	7.30
Percent Removal						
5 Sample Median						
High						
Low						6
Daily Max		3.0	7.2		225	
Weekly Average		1.5			100	
Monthly Average		1.0			75	

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<b>Date</b>	<b>Final Eff Grab pH High</b>	<b>Final Eff Grab Temp</b>	<b>Chlor Cont Grab Coliform</b>	<b>Final Eff Grab DO</b>	<b>Final Eff Grab Do Saturation</b>
01-Oct-08	7.30	23.7		6.08	72.1
02-Oct-08	7.14	23.8	< 10	6.36	74.5
03-Oct-08	7.06	23.5		6.03	70.2
04-Oct-08	7.09	23.5		6.14	72.0
05-Oct-08	6.97	23.0		5.62	62.4
06-Oct-08	6.98	23.1		6.47	75.7
07-Oct-08	7.10	23.2		6.02	68.5
08-Oct-08	7.05	23.0		6.21	73.0
09-Oct-08	7.20	22.9	< 10	5.91	67.7
10-Oct-08	7.09	22.4		6.38	75.0
11-Oct-08	7.02	22.2		6.26	72.2
12-Oct-08	6.79	22.0		6.05	69.8
13-Oct-08	6.80	22.0		6.20	70.2
14-Oct-08	7.03	22.2	< 1	6.05	69.8
15-Oct-08	7.12	22.2		5.65	65.5
16-Oct-08	6.93	22.3		6.03	69.4
17-Oct-08	7.04	22.2		6.05	70.2
18-Oct-08	7.05	22.4		5.85	67.4
19-Oct-08	7.05	22.5		5.78	64.7
20-Oct-08	7.00	22.5	< 1	5.52	63.5
21-Oct-08	7.06	22.5		6.03	69.5
22-Oct-08	6.98	22.4		6.35	73.5
23-Oct-08	7.09	22.3		5.50	63.2
24-Oct-08	6.95	22.4		6.10	70.3
25-Oct-08	7.09	22.2		5.64	65.3
26-Oct-08	7.05	22.5		5.89	69.1
27-Oct-08	6.91	22.7		6.62	76.8
28-Oct-08	7.26	22.6	< 1	5.53	63.8
29-Oct-08	6.87	22.3		5.55	62.9
30-Oct-08	6.75	22.1		5.90	68.9
31-Oct-08	6.94	22.1		6.18	71.5
<b>Count</b>	31	31	5	31	31
<b>Minimum</b>	6.75	22.0	< 1	5.50	62.4
<b>Average</b>	7.02	22.6	< 5	6.00	69.3
<b>Maximum</b>	7.30	23.8	< 10	6.62	76.8
<b>Percent Removal</b>					
<b>5 Sample Median</b>			4,200		
<b>High</b>	9				
<b>Low</b>					
<b>Daily Max</b>			12,500		
<b>Weekly Average</b>					
<b>Monthly Average</b>					