

SAM

E001

June 2008

Date	Plant Infl Flow Min	Plant Infl Flow Max	Plant Inf Flow	Inf Comp BOD	Final Eff Comp BOD	BOD Percent Removal
01-Jun-08	0.440	2.760	1.657			
02-Jun-08	0.440	2.660	1.552			
03-Jun-08	0.380	2.910	1.560	380	10	97.4%
04-Jun-08	0.450	3.100	1.540			
05-Jun-08	0.420	2.930	1.477			
06-Jun-08	0.460	3.140	1.513			
07-Jun-08	0.300	2.690	1.554			
08-Jun-08	0.330	2.740	1.596			
09-Jun-08	0.310	2.860	1.454			
10-Jun-08	0.330	3.040	1.431			
11-Jun-08	0.320	2.950	1.410	380	12	96.8%
12-Jun-08	0.320	3.040	1.426			
13-Jun-08	0.360	2.800	1.503			
14-Jun-08	0.380	3.140	1.615			
15-Jun-08	0.360	3.090	1.606			
16-Jun-08	0.420	2.760	1.560			
17-Jun-08	0.400	2.640	1.421			
18-Jun-08	0.310	2.700	1.396			
19-Jun-08	0.330	2.880	1.410	330	9.3	97.2%
20-Jun-08	0.370	2.690	1.453			
21-Jun-08	0.400	2.620	1.564			
22-Jun-08	0.430	3.020	1.648			
23-Jun-08	0.360	2.630	1.488			
24-Jun-08	0.370	2.780	1.413			
25-Jun-08	0.350	2.910	1.518			
26-Jun-08	0.390	3.360	1.521			
27-Jun-08	0.390	2.910	1.547	370	6.8	98.2%
28-Jun-08	0.430	3.130	1.695			
29-Jun-08	0.430	3.160	1.731			
30-Jun-08	0.440	2.660	1.586	390	13	96.7%
Count	30	30	30	5	5	5
Minimum	0.300	2.620	1.396	330	6.8	96.7%
Average	0.381	2.890	1.528	370	10.2	97.2%
Maximum	0.460	3.360	1.731	390	13.0	98.2%
Percent Removal						85%
5 Sample Median						
High						
Low						
Daily Max						
Weekly Average					45	
Monthly Average					30	

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June 2008

Date	Inf Comp SS	Final Eff Comp SS	SS Percent Removal	Final Eff Grab Sett Matt	Chlorine Violation Magnitude	Chlorine Violation Duration
01-Jun-08				<	0.1	0.00
02-Jun-08	300	8.6	97.1%		0.1	0.00
03-Jun-08	280	7.7	97.3%	<	0.1	0.00
04-Jun-08				<	0.1	0.00
05-Jun-08				<	0.1	0.00
06-Jun-08				<	0.1	0.00
07-Jun-08				<	0.1	0.00
08-Jun-08					0.2	0.00
09-Jun-08				<	0.1	0.00
10-Jun-08	280	6.7	97.6%	<	0.1	0.00
11-Jun-08	260	6.5	97.5%		0.2	0.00
12-Jun-08				<	0.1	0.00
13-Jun-08					0.2	0.00
14-Jun-08					0.2	0.00
15-Jun-08					0.2	0.00
16-Jun-08				<	0.1	0.00
17-Jun-08					0.2	0.00
18-Jun-08	250	6.3	97.5%		0.1	0.00
19-Jun-08	240	8.3	96.5%		0.2	0.00
20-Jun-08					0.2	0.00
21-Jun-08					0.2	0.00
22-Jun-08					0.2	0.00
23-Jun-08				<	0.1	0.00
24-Jun-08				<	0.1	0.00
25-Jun-08				<	0.1	0.00
26-Jun-08	290	4.5	98.4%	<	0.1	0.00
27-Jun-08	320	3.1	99.0%	<	0.1	0.00
28-Jun-08					0.2	0.00
29-Jun-08	330	8.8	97.3%		0.2	0.00
30-Jun-08	270	7.1	97.4%	<	0.1	0.00
Count	10	10	10		30	30
Minimum	240	3.1	96.5%	<	0.1	0.00
Average	282	6.8	97.6%	<	0.1	0.00
Maximum	330	8.8	99.0%		0.2	0.00
Percent Removal			85%			
5 Sample Median						
High						
Low						
Daily Max					3.0	7.2
Weekly Average		45			1.5	
Monthly Average		30			1.0	

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Date	Final Eff Comp Turbidity	Final Eff Grab pH Low	Final Eff Grab pH High	Final Eff Grab Temp	Final Eff Comp NH3-N
01-Jun-08		6.99	6.99	21.8	
02-Jun-08	6.3	7.09	7.09	22.0	
03-Jun-08	6.1	7.14	7.14	22.1	
04-Jun-08		7.16	7.16	21.9	
05-Jun-08		7.02	7.02	21.6	
06-Jun-08		6.84	6.84	21.6	
07-Jun-08		7.18	7.18	21.6	
08-Jun-08		7.02	7.02	21.7	
09-Jun-08		7.07	7.07	22.2	
10-Jun-08	4.6	7.13	7.13	22.4	
11-Jun-08	7.8	7.10	7.10	22.2	
12-Jun-08		7.13	7.13	22.2	
13-Jun-08		6.96	6.96	22.3	
14-Jun-08		7.16	7.16	22.2	
15-Jun-08		7.05	7.05	22.2	
16-Jun-08		7.09	7.09	22.3	28.4
17-Jun-08		7.15	7.15	22.2	36.8
18-Jun-08	4.0	7.17	7.17	22.3	40.6
19-Jun-08	4.0	7.12	7.12	22.4	47.9
20-Jun-08		7.01	7.01	22.5	
21-Jun-08		6.93	6.93	22.9	
22-Jun-08		7.03	7.03	22.9	
23-Jun-08		7.05	7.05	22.9	
24-Jun-08		7.11	7.11	22.6	
25-Jun-08		7.15	7.15	22.6	
26-Jun-08	3.2	7.25	7.25	22.4	
27-Jun-08	2.3	7.12	7.12	22.5	
28-Jun-08		7.05	7.05	22.6	
29-Jun-08	4.0	6.98	6.98	22.8	
30-Jun-08	3.8	7.02	7.02	22.8	
Count	10	30	30	30	4
Minimum	2.3	6.84	6.84	21.6	28.4
Average	4.6	7.08	7.08	22.3	38.4
Maximum	7.8	7.25	7.25	22.9	47.9
Percent Removal					
5 Sample Median					
High			9		
Low		6			
Daily Max	225				
Weekly Average	100				
Monthly Average	75				

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Date	Chlor Cont Grab Coliform		Final Eff Comp Toxicity	Final Eff Grab DO	Final Eff Grab Do Saturation	Dissolved Oxygen #1
01-Jun-08				6.83	78	
02-Jun-08				6.91	79.9	
03-Jun-08	<	10		6.22	71.9	
04-Jun-08				5.06	62.1	
05-Jun-08				5.82	65.4	
06-Jun-08				6.54	74.7	
07-Jun-08				5.1	60.8	
08-Jun-08				6.22	72.2	
09-Jun-08				5.64	65.6	
10-Jun-08				6.25	72.5	
11-Jun-08	<	10		6.09	69.6	
12-Jun-08				5.79	69.5	
13-Jun-08				6.93	79.8	
14-Jun-08				5.42	60.3	
15-Jun-08				6.23	71.7	
16-Jun-08			0	5.86	68.2	
17-Jun-08				6.02	69.6	
18-Jun-08				6.08	71.2	7.55
19-Jun-08	<	10		5.61	66.5	
20-Jun-08				6.59	75.6	
21-Jun-08				5.76	65.6	
22-Jun-08				5.83	68.5	
23-Jun-08				6.11	71.3	
24-Jun-08				5.98	68.9	
25-Jun-08				6.03	68.6	
26-Jun-08	<	10		5.06	59.2	
27-Jun-08				5.98	68.6	
28-Jun-08				5.39	64.2	
29-Jun-08				5.92	67.6	
30-Jun-08	<	10		5.87	70.6	
Count		5	1	30	30	1
Minimum	<	10	0	5.1	59.2	7.55
Average	<	10	0	6.0	69.3	7.55
Maximum	<	10	0	6.9	79.9	7.55
Percent Removal						
5 Sample Median		4200				
High						
Low						
Daily Max		12500				
Weekly Average						
Monthly Average						

*SAM**E001**June 2008*

Date	Dissolved Oxygen #2	Dissolved Oxygen #3	Dissolved Oxygen #4	Dissolved Oxygen #R	pH #1
01-Jun-08					
02-Jun-08					
03-Jun-08					
04-Jun-08					
05-Jun-08					
06-Jun-08					
07-Jun-08					
08-Jun-08					
09-Jun-08					
10-Jun-08					
11-Jun-08					
12-Jun-08					
13-Jun-08					
14-Jun-08					
15-Jun-08					
16-Jun-08					
17-Jun-08					
18-Jun-08	7.07	7.28	7.8	9.23	8.11
19-Jun-08					
20-Jun-08					
21-Jun-08					
22-Jun-08					
23-Jun-08					
24-Jun-08					
25-Jun-08					
26-Jun-08					
27-Jun-08					
28-Jun-08					
29-Jun-08					
30-Jun-08					
Count	1	1	1	1	1
Minimum	7.07	7.28	7.80	9.23	8.11
Average	7.07	7.28	7.80	9.23	8.11
Maximum	7.07	7.28	7.80	9.23	8.11
Percent Removal					
5 Sample Median					
High					
Low					
Daily Max					
Weekly Average					
Monthly Average					

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June 2008

Date	pH #2	pH #3	pH #4	pH #R	Temperature #1
01-Jun-08					
02-Jun-08					
03-Jun-08					
04-Jun-08					
05-Jun-08					
06-Jun-08					
07-Jun-08					
08-Jun-08					
09-Jun-08					
10-Jun-08					
11-Jun-08					
12-Jun-08					
13-Jun-08					
14-Jun-08					
15-Jun-08					
16-Jun-08					
17-Jun-08					
18-Jun-08	8.13	8.12	8.14	8.29	12.4
19-Jun-08					
20-Jun-08					
21-Jun-08					
22-Jun-08					
23-Jun-08					
24-Jun-08					
25-Jun-08					
26-Jun-08					
27-Jun-08					
28-Jun-08					
29-Jun-08					
30-Jun-08					
Count	1	1	1	1	1
39600	8.13	8.12	8.14	8.29	12.4
39615	8.13	8.12	8.14	8.29	12.4
39629	8.13	8.12	8.14	8.29	12.4
Percent Removal					
5 Sample Median					
High					
Low					
Daily Max					
Weekly Average					
Monthly Average					

*SAM**E001**June 2008*

Date	Temperature #2	Temperature #3	Temperature #4	Temperature #R	Salinity #1
01-Jun-08					
02-Jun-08					
03-Jun-08					
04-Jun-08					
05-Jun-08					
06-Jun-08					
07-Jun-08					
08-Jun-08					
09-Jun-08					
10-Jun-08					
11-Jun-08					
12-Jun-08					
13-Jun-08					
14-Jun-08					
15-Jun-08					
16-Jun-08					
17-Jun-08					
18-Jun-08	12.2	12.4	12.6	13	33.1
19-Jun-08					
20-Jun-08					
21-Jun-08					
22-Jun-08					
23-Jun-08					
24-Jun-08					
25-Jun-08					
26-Jun-08					
27-Jun-08					
28-Jun-08					
29-Jun-08					
30-Jun-08					
Count	1	1	1	1	1
Minimum	12.2	12.4	12.6	13.0	33.1
Average	12.2	12.4	12.6	13.0	33.1
Maximum	12.2	12.4	12.6	13.0	33.1
Percent Removal					
5 Sample Median					
High					
Low					
Daily Max					
Weekly Average					
Monthly Average					

*SAM**E001**June 2008*

Date	Salinity #2	Salinity #3	Salinity #4	Salinity #R
01-Jun-08				
02-Jun-08				
03-Jun-08				
04-Jun-08				
05-Jun-08				
06-Jun-08				
07-Jun-08				
08-Jun-08				
09-Jun-08				
10-Jun-08				
11-Jun-08				
12-Jun-08				
13-Jun-08				
14-Jun-08				
15-Jun-08				
16-Jun-08				
17-Jun-08				
18-Jun-08	32.9	33.2	32.7	33.2
19-Jun-08				
20-Jun-08				
21-Jun-08				
22-Jun-08				
23-Jun-08				
24-Jun-08				
25-Jun-08				
26-Jun-08				
27-Jun-08				
28-Jun-08				
29-Jun-08				
30-Jun-08				
Count	1	1	1	1
Minimum	32.9	33.2	32.7	33.2
Average	32.9	33.2	32.7	33.2
Maximum	32.9	33.2	32.7	33.2
Percent Removal				
5 Sample Median				
High				
Low				
Daily Max				
Weekly Average				
Monthly Average				

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June 2008

Date	Ammonia #1	Ammonia #2	Ammonia #3	Ammonia #4
01-Jun-08				
02-Jun-08				
03-Jun-08				
04-Jun-08				
05-Jun-08				
06-Jun-08				
07-Jun-08				
08-Jun-08				
09-Jun-08				
10-Jun-08				
11-Jun-08				
12-Jun-08				
13-Jun-08				
14-Jun-08				
15-Jun-08				
16-Jun-08				
17-Jun-08				
18-Jun-08	0.3	0.28	< 0.2	0.3
19-Jun-08				
20-Jun-08				
21-Jun-08				
22-Jun-08				
23-Jun-08				
24-Jun-08				
25-Jun-08				
26-Jun-08				
27-Jun-08				
28-Jun-08				
29-Jun-08				
30-Jun-08				
Count	1	1	1	1
Minimum	0.30	0.28	< 0.20	0.30
Average	0.30	0.28	< 0.20	0.30
Maximum	0.30	0.28	< 0.20	0.30
Percent Removal				
5 Sample Median				
High				
Low				
Daily Max				
Weekly Average				
Monthly Average				

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Date		Ammonia #R	Unionized Ammonia #1	Unionized Ammonia #2	Unionized Ammonia #3
01-Jun-08					
02-Jun-08					
03-Jun-08					
04-Jun-08					
05-Jun-08					
06-Jun-08					
07-Jun-08					
08-Jun-08					
09-Jun-08					
10-Jun-08					
11-Jun-08					
12-Jun-08					
13-Jun-08					
14-Jun-08					
15-Jun-08					
16-Jun-08					
17-Jun-08					
18-Jun-08	<	0.2	0.008	0.008	< 0.006
19-Jun-08					
20-Jun-08					
21-Jun-08					
22-Jun-08					
23-Jun-08					
24-Jun-08					
25-Jun-08					
26-Jun-08					
27-Jun-08					
28-Jun-08					
29-Jun-08					
30-Jun-08					
Count		1	1	1	1
Minimum	<	0.20	0.008	0.008	< 0.006
Average	<	0.20	0.008	0.008	< 0.006
Maximum	<	0.20	0.008	0.008	< 0.006
Percent Removal					
5 Sample Median					
High					
Low					
Daily Max					
Weekly Average					
Monthly Average					

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Date	Unionized Ammonia #4	Unionized Ammonia #R	Bacti (MPN) #1	Bacti (MPN) #2
01-Jun-08				
02-Jun-08				
03-Jun-08				
04-Jun-08				
05-Jun-08				
06-Jun-08				
07-Jun-08				
08-Jun-08				
09-Jun-08				
10-Jun-08				
11-Jun-08				
12-Jun-08				
13-Jun-08				
14-Jun-08				
15-Jun-08				
16-Jun-08				
17-Jun-08				
18-Jun-08	0.009	< 0.009	< 10	< 10
19-Jun-08				
20-Jun-08				
21-Jun-08				
22-Jun-08				
23-Jun-08				
24-Jun-08				
25-Jun-08				
26-Jun-08				
27-Jun-08				
28-Jun-08				
29-Jun-08				
30-Jun-08				
Count	1	1	1	1
Minimum	0.009	< 0.009	< 10	< 10
Average	0.009	< 0.009	< 10	< 10
Maximum	0.009	< 0.009	< 10	< 10
Percent Removal				
5 Sample Median				
High				
Low				
Daily Max				
Weekly Average				
Monthly Average				

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June 2008

Date	Bacti (MPN) #3		Bacti (MPN) #4		Bacti (MPN) #R	
01-Jun-08						
02-Jun-08						
03-Jun-08						
04-Jun-08						
05-Jun-08						
06-Jun-08						
07-Jun-08						
08-Jun-08						
09-Jun-08						
10-Jun-08						
11-Jun-08						
12-Jun-08						
13-Jun-08						
14-Jun-08						
15-Jun-08						
16-Jun-08						
17-Jun-08						
18-Jun-08	<	10	<	10	<	10
19-Jun-08						
20-Jun-08						
21-Jun-08						
22-Jun-08						
23-Jun-08						
24-Jun-08						
25-Jun-08						
26-Jun-08						
27-Jun-08						
28-Jun-08						
29-Jun-08						
30-Jun-08						
Count		1		1		1
Minimum	<	10	<	10	<	10
Average	<	10	<	10	<	10
Maximum	<	10	<	10	<	10
Percent Removal						
5 Sample Median						
High						
Low						
Daily Max						
Weekly Average						
Monthly Average						