

SAM E-001 March 2008

Date	Plant Infl Flow Min	Plant Infl Flow Max	Plant Inf Flow	Inf Comp BOD	Final Eff Comp BOD	Final Eff Comp BOD % Removal
01-Mar-08	0.890	3.320	2.137			
02-Mar-08	0.790	3.360	2.100			
03-Mar-08	0.720	3.220	1.834			
04-Mar-08	0.670	3.180	1.799			
05-Mar-08	0.590	3.280	1.760	300	16.0	94.7%
06-Mar-08	0.600	3.350	1.733			
07-Mar-08	0.690	3.120	1.788			
08-Mar-08	0.670	3.110	1.875			
09-Mar-08	0.630	3.080	1.923			
10-Mar-08	0.740	2.930	1.702			
11-Mar-08	0.560	2.880	1.632			
12-Mar-08	0.590	2.870	1.656			
13-Mar-08	0.630	2.990	1.746	350	25.0	92.9%
14-Mar-08	0.590	2.970	1.704			
15-Mar-08	0.590	3.110	1.892			
16-Mar-08	0.530	3.190	1.889			
17-Mar-08	0.520	2.840	1.683			
18-Mar-08	0.550	2.900	1.692			
19-Mar-08	0.580	2.810	1.630			
20-Mar-08	0.520	3.060	1.602			
21-Mar-08	0.480	2.750	1.664	350	16.0	95.4%
22-Mar-08	0.470	2.860	1.735			
23-Mar-08	0.500	3.330	1.740			
24-Mar-08	0.570	2.830	1.741	380	14.0	96.3%
25-Mar-08	0.630	2.850	1.656			
26-Mar-08	0.530	2.830	1.635			
27-Mar-08	0.540	3.000	1.687			
28-Mar-08	0.600	3.050	1.642			
29-Mar-08	0.570	3.030	1.838			
30-Mar-08	0.530	3.230	1.854			
31-Mar-08	0.430	2.910	1.589			
Minimum	0.430	2.750	1.589	300	14.0	0.9
Average	0.597	3.040	1.760	345	17.8	0.9
Maximum	0.890	3.360	2.137	380	25.0	1.0
Count	31	31	31	4	4	4
Percent Removal						85%
5 Sample Median						
High						
Low						
Daily Max						
Weekly Average					45	
Monthly Average					30	

SAM E-001 March 2008

Date	Inf Comp SS	Final Eff Comp SS	Final Eff Comp SS % Removal	Final Eff Grab Sett Matt	Final Eff Grab O&G	Chlorine Violation Magnitude
01-Mar-08				< 0.1		0.00
02-Mar-08				0.1		0.00
03-Mar-08				0.1		0.00
04-Mar-08	330	5.2	98.4%	0.1		0.00
05-Mar-08	280	3.5	98.8%	< 0.1		0.00
06-Mar-08				< 0.1		0.00
07-Mar-08				< 0.1		0.00
08-Mar-08				< 0.1		0.00
09-Mar-08				< 0.1		0.00
10-Mar-08				0.1		0.00
11-Mar-08				0.1		0.00
12-Mar-08	310	15.0	95.2%	0.2		0.00
13-Mar-08	260	7.9	97.0%	0.2		0.00
14-Mar-08				< 0.1		0.00
15-Mar-08				0.1		0.00
16-Mar-08				< 0.1		0.00
17-Mar-08				0.1		0.00
18-Mar-08				< 0.1		0.00
19-Mar-08				< 0.1		0.00
20-Mar-08	180	6.5	96.4%	0.2		0.00
21-Mar-08	240	8.1	96.6%	0.2		0.00
22-Mar-08				0.2		0.00
23-Mar-08	260	7.6	97.1%	0.2		0.00
24-Mar-08	310	12.0	96.1%	0.1		0.00
25-Mar-08				0.1		0.00
26-Mar-08				0.2		0.00
27-Mar-08				0.2		0.00
28-Mar-08				0.1		0.00
29-Mar-08				0.2		0.00
30-Mar-08				< 0.1		0.00
31-Mar-08	270	5.9	97.8%	0.1	6.8	0.00
Minimum	180	3.5	95.2%	< 0.1	6.8	0.0
Average	271	8.0	97.0%	< 0.1	6.8	0.0
Maximum	330	15.0	98.8%	0.2	6.8	0.0
Count	9	9	9	31	1	31
Percent Removal			85%			
5 Sample Median						
High						
Low						
Daily Max				1.0	75	0.96
Weekly Average		45		1.5	40	
Monthly Average		30		3.0	25	

SAM

E-001

March 2008

Date	Chlorine Violation Duration	Final Eff Comp Turbidity	Final Eff Grab pH Low	Final Eff Grab pH High	Final Eff Grab Temp
01-Mar-08	0.00		7.02	7.02	18.2
02-Mar-08	0.00		7.02	7.02	17.9
03-Mar-08	0.00		7.01	7.01	18.0
04-Mar-08	0.00	6.3	7.09	7.09	18.4
05-Mar-08	0.00	6.7	7.06	7.06	18.1
06-Mar-08	0.00		7.14	7.14	18.3
07-Mar-08	0.00		7.05	7.05	18.3
08-Mar-08	0.00		7.23	7.23	18.3
09-Mar-08	0.00		7.03	7.03	18.3
10-Mar-08	0.00		7.01	7.01	18.6
11-Mar-08	0.00		7.02	7.02	18.8
12-Mar-08	0.00	11.0	7.07	7.07	18.9
13-Mar-08	0.00	8.3	7.15	7.15	19.0
14-Mar-08	0.00		7.12	7.12	18.8
15-Mar-08	0.00		7.14	7.14	18.6
16-Mar-08	0.00		7.15	7.15	18.1
17-Mar-08	0.00		7.10	7.10	18.4
18-Mar-08	0.00		7.20	7.20	19.0
19-Mar-08	0.00		7.01	7.01	19.0
20-Mar-08	0.00	8.9	7.17	7.17	19.0
21-Mar-08	0.00	9.1	7.08	7.08	18.8
22-Mar-08	0.00		7.19	7.19	18.8
23-Mar-08	0.00	7.4	7.07	7.07	18.9
24-Mar-08	0.00	8.6	7.06	7.06	19.3
25-Mar-08	0.00		7.24	7.24	19.4
26-Mar-08	0.00		7.14	7.14	19.4
27-Mar-08	0.00		7.18	7.18	19.3
28-Mar-08	0.00		7.05	7.05	19.0
29-Mar-08	0.00		7.16	7.16	19.1
30-Mar-08	0.00		7.09	7.09	18.8
31-Mar-08	0.00	6.3	7.07	7.07	18.9
Minimum	0.0	6.3	7.0	7.0	17.9
Average	0.0	8.1	7.1	7.1	18.7
Maximum	0.0	11.0	7.2	7.2	19.4
Count	31	9	31	31	31
Percent Removal					
5 Sample Median					
High				9	
Low			6		
Daily Max		225			
Weekly Average		100			
Monthly Average		75			

Date	Final Eff Comp NH3-N	Chlor Cont Grab Enterococcus	Final Eff Comp Toxicity	Final Eff Grab DO	Final Eff Grab Do Saturation	Dissolved Oxygen #1
01-Mar-08				5.85	62.60	
02-Mar-08				5.81	61.80	
03-Mar-08				6.05	63.50	
04-Mar-08				6.35	66.70	
05-Mar-08		< 10		6.03	64.60	
06-Mar-08				6.01	63.70	
07-Mar-08				6.95	76.00	
08-Mar-08				6.59	70.40	
09-Mar-08				7.55	80.40	
10-Mar-08				6.31	67.50	
11-Mar-08				6.41	69.50	
12-Mar-08				6.15	66.60	
13-Mar-08		< 10		6.42	69.70	
14-Mar-08				5.90	64.00	
15-Mar-08				6.26	68.40	
16-Mar-08				6.35	67.30	
17-Mar-08				6.85	72.90	
18-Mar-08	51.8		0.4	6.47	70.30	
19-Mar-08	46.2	< 10		6.13	66.40	8.13
20-Mar-08	45.0			6.52	70.50	
21-Mar-08	38.5			6.19	66.40	
22-Mar-08				7.43	82.20	
23-Mar-08				6.02	68.10	
24-Mar-08		< 10		6.30	68.40	
25-Mar-08				6.35	68.60	
26-Mar-08				6.35	69.30	
27-Mar-08				6.18	67.90	
28-Mar-08				6.29	67.60	
29-Mar-08				6.19	67.50	
30-Mar-08				6.43	68.10	
31-Mar-08				5.91	63.10	
Minimum	38.5	< 10.0	0.4	5.8	61.8	8.13
Average	45.4	< 10.0	0.4	6.3	68.4	8.13
Maximum	51.8	< 10.0	0.4	7.6	82.2	8.13
Count	4	4	1	31	31	1
Percent Removal						
5 Sample Median		4,200				
High						
Low						
Daily Max		12,500	3.87			
Weekly Average						
Monthly Average						

Date	Dissolved Oxygen #2	Dissolved Oxygen #3	Dissolved Oxygen #4	Dissolved Oxygen #R	pH #1	pH #2	pH #3	pH #4
01-Mar-08								
02-Mar-08								
03-Mar-08								
04-Mar-08								
05-Mar-08								
06-Mar-08								
07-Mar-08								
08-Mar-08								
09-Mar-08								
10-Mar-08								
11-Mar-08								
12-Mar-08								
13-Mar-08								
14-Mar-08								
15-Mar-08								
16-Mar-08								
17-Mar-08								
18-Mar-08								
19-Mar-08	7.15	7.35	6.35	6.47	8.02	8.01	8.02	8.02
20-Mar-08								
21-Mar-08								
22-Mar-08								
23-Mar-08								
24-Mar-08								
25-Mar-08								
26-Mar-08								
27-Mar-08								
28-Mar-08								
29-Mar-08								
30-Mar-08								
31-Mar-08								
Minimum	7.15	7.35	6.35	6.47	8.02	8.01	8.02	8.02
Average	7.15	7.35	6.35	6.47	8.02	8.01	8.02	8.02
Maximum	7.15	7.35	6.35	6.47	8.02	8.01	8.02	8.02
Count	1	1	1	1	1	1	1	1
Percent Removal								
5 Sample Median								
High								
Low								
Daily Max								
Weekly Average								
Monthly Average								

Date	Salinity #R	Ammonia #1	Ammonia #2	Ammonia #3	Ammonia #4	Ammonia #R
01-Mar-08						
02-Mar-08						
03-Mar-08						
04-Mar-08						
05-Mar-08						
06-Mar-08						
07-Mar-08						
08-Mar-08						
09-Mar-08						
10-Mar-08						
11-Mar-08						
12-Mar-08						
13-Mar-08						
14-Mar-08						
15-Mar-08						
16-Mar-08						
17-Mar-08						
18-Mar-08						
19-Mar-08	33.1	< 2.0	< 2.0	< 2.0	< 2.0	No Data
20-Mar-08						
21-Mar-08						
22-Mar-08						
23-Mar-08						
24-Mar-08						
25-Mar-08						
26-Mar-08						
27-Mar-08						
28-Mar-08						
29-Mar-08						
30-Mar-08						
31-Mar-08						
Minimum	33.1	2.0	2.0	2.0	2.0	0.0
Average	33.1	2.0	2.0	2.0	2.0	#DIV/0!
Maximum	33.1	2.0	2.0	2.0	2.0	0.0
Count	1	1	1	1	1	0
Percent Removal						
5 Sample Median						
High						
Low						
Daily Max						
Weekly Average						
Monthly Average						

Date	Unionized Ammonia #1	Unionized Ammonia #2	Unionized Ammonia #3	Unionized Ammonia #4	Unionized Ammonia #R
01-Mar-08					
02-Mar-08					
03-Mar-08					
04-Mar-08					
05-Mar-08					
06-Mar-08					
07-Mar-08					
08-Mar-08					
09-Mar-08					
10-Mar-08					
11-Mar-08					
12-Mar-08					
13-Mar-08					
14-Mar-08					
15-Mar-08					
16-Mar-08					
17-Mar-08					
18-Mar-08					
19-Mar-08	< 0.004	< 0.004	< 0.004	< 0.004	No Data
20-Mar-08					
21-Mar-08					
22-Mar-08					
23-Mar-08					
24-Mar-08					
25-Mar-08					
26-Mar-08					
27-Mar-08					
28-Mar-08					
29-Mar-08					
30-Mar-08					
31-Mar-08					
Minimum	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0
Average	< 0.004	< 0.004	< 0.004	< 0.004	< #DIV/0!
Maximum	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0
Count	1	1	1	1	0
Percent Removal					
5 Sample Median					
High					
Low					
Daily Max					
Weekly Average					
Monthly Average					

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