

Date	INFLUENT								SO8																Comments	
									Flow	Aeration Chamber			Clarifier			J Tube			pH Comp	45 minute SS	CBOD	TSS	NH4-N	Fecal Coli-form Effluent		E Coli Effluent
	Tem-perature	pH	DO	Tem-perature	pH	DO	Tem-perature	pH		DO																
01-Aug-08	18.9	7.5	7.4	170	230	34.2	11,000,000	7,900,000	505	20.9	7.4	2.9	21.1	7.4	2.0	20.8	8.2	8.1	8.4		5.2	12	0.16	60	30	
02-Aug-08									506																	
03-Aug-08									508																	
04-Aug-08	20.3	7.6	7.1	180	230	36.4	17,000,000	7,000,000	509	21.7	7.4	2.9	22.2	7.4	0.7	22.1	8.2	8.4	8.4	300	5.1	14	0.21	50	40	
05-Aug-08	20.8	7.7	7.3						510	22.1	7.3	3.0	22.4	7.4	0.2	22.5	8.0	7.1								
06-Aug-08	20.7	7.5	7.5	160	200	28.9	7,900,000	3,300,000	513	22.5	7.4	2.9	22.9	7.5	0.1	22.8	7.7	6.6	8.2		4.8	11	0.32	60	40	
07-Aug-08	22.8	7.6	7.4						514	23.1	7.2	0.5	22.9	7.6	0.1	22.8	7.5	7.5		250						
08-Aug-08	21.0	7.6	7.6	190	220	29.3	17,000,000	17,000,000	515	22.6	7.3	1.3	23.2	7.6	0.1	23.0	7.9	7.7	8.2		5.7	11	0.22	31	12	
09-Aug-08									516																	
10-Aug-08									518																	
11-Aug-08	20.0	7.7	7.3	170	250	31.3	4,900,000	3,300,000	520	22.2	7.4	3.1	22.7	7.4	0.1	22.6	8.0	6.7	8.3	350	3.5	7.5	0.13	32	10	
12-Aug-08	20.2	7.6	7.3						521	22.3	7.4	2.0	22.7	7.4	0.2	22.6	8.0	7.1								
13-Aug-08	20.9	7.6	7.3	220	220	29.4	7,900,000	2,200,000	523	22.5	7.3	0.8	22.4	7.3	0.9	22.3	8.1	7.9	8.1		6.3	12	0.11	20	10	
14-Aug-08	23.2	7.6	7.6						525	22.9	7.4	2.3	23.2	7.5	0.3	23.2	7.9	7.0		300						
15-Aug-08	23.5	7.6	7.5	200	190	26.2	13,000,000	3,300,000	525	23.4	7.3	1.4	23.5	7.5	0.7	23.4	7.9	7.3	8.2		4.8	9.5	0.32	54	24	
16-Aug-08									500																	
17-Aug-08									500																	
18-Aug-08	21.5	7.3	7.1	180	210		7,900,000	7,900,000	500	24.2	7.0	0.4	24.4	7.3	0.3	24.4	7.8	7.5	7.9	450	4.5	14		2	1	
19-Aug-08	21.3	7.6	7.4						500	23.9	7.3	0.5	23.9	7.3	0.3	24.0	7.7	7.5								
20-Aug-08	20.3	7.6	7.3	190	230	32.1	4,900,000	3,300,000	500	22.7	7.5	0.8	22.8	7.2	0.3	22.6	7.8	7.2	8.2		3.6	9.3	0.07	23	15	
21-Aug-08	20.2	7.5	7.4						500	21.7	7.5	0.8				22.1	8.1	7.7		500						
22-Aug-08	22.1	7.4	7.9	100	140		4,900,000	1,700,000	500	22.1	7.5	0.9	22.2	7.5	0.1	22.2	7.8	6.9	8.4		3.8	8.3		10	1	E. Coli <1
23-Aug-08									500																	
24-Aug-08									500																	
25-Aug-08	20.0	7.6	7.5	160	180		7,900,000	7,900,000	500	21.3	7.5	0.6	21.5	7.4	0.1	21.3	8.0	7.3	8.3	550	3.9	18		2	1	
26-Aug-08	19.1	7.6	7.6						500	21.0	7.6	1.1	20.8	7.5	0.6	21.1	8.0	7.5								
27-Aug-08	20.1	7.5	7.4	220	270	32.1	24,000,000	7,900,000	500	20.9	7.5	0.6	21.0	7.4	0.1	21.0	8.0	8.5	8.3		4.5	20	0.37	3	1	
28-Aug-08	20.2	7.5	7.4						500	21.3	7.6	0.8	21.3	7.5	0.5	21.5	8.1	7.3		550						
29-Aug-08	17.8	7.6	7.4	310	250	30.8	3,300,000	3,300,000	500	21.3	7.6	0.8	21.3	7.6	0.1	21.3	8.2	8.0	8.3		2.9	12	0.23	1	1	FC & E coli < 1
30-Aug-08									500																	
31-Aug-08									500																	
01-Sep-08	17.7	8.6	7.1	160	160				500	20.9	7.6	0.2				20.7	8.1	7.5	8.5		2.5	5.7				
02-Sep-08	17.1		6.9				7,900,000	3,300,000	498	20.7	7.6	1.3	21.0	7.5	0.3	21.0	8.1	6.9						23	1	
03-Sep-08	19.0	7.4	7.3	210	240	30.8	7,900,000	4,900,000	495	20.9	7.4	0.8	20.7	7.4	0.8	20.1	8	8.1	8.3		2	3	0.40	14	4	CBOD <2
04-Sep-08	18.5	7.6	7.4	170	200		13,000,000	3,300,000	493	21.1	7.5	0.9	21.0	7.5	1.3	20.9	8.0	7.8		600						
05-Sep-08	20.1	7.6	7.4	190	280		24,000,000	7,900,000	491	21.8	7.6	1.0	21.7	7.5	0.8	21.6	8.1	7.2	8.1		2.6	6.7		18	5	
06-Sep-08									489																	
07-Sep-08									487																	
08-Sep-08	19.0	7.7	7.5	180	190		4,900,000	2,300,000	484	21.8	7.6	1.0	21.5	7.4	0.2	21.4	8.1	8.3	8.2	600	2	3		4	3	cBOD<2
09-Sep-08	19.0	7.7	7.5						482	21.6	7.6	1.5	21.5	7.4	0.4	19.5	8.0	9.7								
10-Sep-08	20.6	7.8	7.5	190	230	31.2	13,000,000	4,900,000	480	20.8	7.6	0.9	20.7	7.6	1.2	20.5	8.2	6.2	8.3		2	4	0.52	4	1	E. Coli<1 Nitrate<0.1 cBOD<2.
11-Sep-08	16.6	7.4	7.0						477	20.8	7.6	1.1	21.1	7.5	0.1	20.9	8.1	6.7		650						

Date	INFLUENT								SO8																Comments	
									Flow	Aeration Chamber			Clarifier			J Tube			pH Comp	45 minute SS	CBOD	TSS	NH4-N	Fecal Coliform Effluent		E Coli Effluent
	Temperature	pH	DO	Temperature	pH	DO	Temperature	pH		DO																
12-Sep-08	19.0	7.7	7.7	180	230		4,900,000	4,900,000	500	20.5	7.0	0.2	21.5	7.3	0.1	21.2	7.7	6.2	8.2		2	2.3		3	2	cBOD<2
13-Sep-08									500																	
14-Sep-08									500																	
15-Sep-08	18.1	7.8	7.6	180	200		11,000,000	4,600,000	500	20.5	7.2	0.5	20.8	7.3	0.1	20.2	7.9	7.6	8.1	600	2	3.3		1	1	cBOD<2
16-Sep-08	18.1	7.9	7.3						500	20.9	7.3	1.4	20.9	7.3	0.3	20.7	8.1	8.0								
17-Sep-08	21.0	7.8	7.3	210	260	30.8	7,900,000	7,900,000	500	20.7	8.0	0.3	20.8	7.4	0.2	21.0	8.0	8.1	8.2		2	1.7	0.48	6	2	cBOD<2
18-Sep-08	17.8	7.9	7.5						500	20.6	7.4	0.8	20.8	7.5	0.6	20.8	8.2	8.3		650						
19-Sep-08	20.2	7.8	7.8	200	230		13,000,000	7,900,000	500	21.4	7.5	0.9	21.3	7.3	0.1	21.5	8.2	8.5	8.2		2	8.3		3	1	cBOD<2
20-Sep-08									500																	
21-Sep-08									500																	
22-Sep-08	18.0	7.9	7.2	160	220		4,900,000	1,400,000	500	20.2	6.9	0.8	20.1	7.1	0.2	19.8	7.7	8.9	8.0	600	2	1.5		9	2	cBOD<2
23-Sep-08	18.0	7.8	7.6						500	20.4	6.8	0.8	20.2	7.1	0.1	19.8	7.6	8.0								
24-Sep-08	19.3	7.2	7.8	380	410	27.6	3,300,000	3,300,000	325	20.3	7.1	0.7	20.3	7.2	0.2	20.0	7.7	7.8	7.8		2	2.4	0.54	13	9	Computer crash at night, delivered only 65% of daily flow. All grab samples collected at noon.. cBOD<2
25-Sep-08	17.0	7.8	8.4						500	20.1	7.2	0.5	20.1	7.3	0.3	20.2	7.9	8.5		550						
26-Sep-08	19.1	7.8	8.0	140	210	32.5	7,900,000	4,900,000	500	20.3	7.2	1.4	20.1	7.2	0.8	20.0	7.9	8.5	8.0		2	1	0.48	3	1	cBOD<2
27-Sep-08									500																	
28-Sep-08									500																	
29-Sep-08	16.9	7.9	7.1	190	240	35.3	7,900,000	3,300,000	500	19.4	7.0	0.7	19.0	7.1	0.6	19.2	7.9	8.7	8.0	550	2.4	3.7	0.84	5	3	
30-Sep-08	17.4	7.8	7.7			35.4			500	19.3	7.2	0.4	18.6	7.2	0.1	19.0	7.9	8.2	7.8				0.99			
01-Oct-08	16.4	7.8	7.9	230	270	35.4	24,000,000	13,000,000	500	19.9	7.2	0.2	19.5	7.2	0.2	18.9	7.7	7.5	8.1		2	2	0.63	17	8	cBOD<2
02-Oct-08	14.6	7.8	8.0			35.5			500	20.0	7.4	0.8	20.6	7.5	0.1	20.2	8.0	7.6	8.1	550			0.48			
03-Oct-08	18.3	7.7	7.1	190	280	35.5	3,300,000	3,300,000	500	19.6	7.5	1.8	19.6	7.3	0.2	19.5	8.2	9.0	8.2		2.3	3.3	1.32	61	52	
04-Oct-08									500																	
05-Oct-08									500																	
06-Oct-08	17.0	7.9	8.1	150	240	31.4	13,000,000	7,900,000	500	18.1	7.4	1.0	18.7	7.2	0.2	18.7	8.2	7.8	8.5	550	2	3.3	0.29	1	1	cBOD <2 ECOLI <1
07-Oct-08	16.3	7.7	7.8			33.0			500	18.5	7.5	0.5	18.7	7.2	0.1	18.0	8.3	8.1	8.5				0.43			
08-Oct-08	13.7	7.9	7.8	140	200	31.7	4,900,000	1,700,000	500	16.9	7.5	0.8	17.4	7.2	0.2	17.8	8.3	7.9	8.6		2	8.3	0.54	1,800	600	cBOD<2
09-Oct-08	15.1	7.9	7.7			34.8			500	16.5	7.6	1.0	17.2	7.2	0.2	17.2	7.8	7.1	8.2	700			0.55			
10-Oct-08	13.4	7.8	7.7	140	230	34.2	4,900,000	3,300,000	500	16.7	7.5	1.0	17.4	7.1	0.1	15.7	8.3	8.8	8.5		2	4.7	0.38	10	10	cBOD <2 FC <10 ECOLI <10
11-Oct-08									500																	
12-Oct-08									500																	
13-Oct-08	16.3	7.7	7.8	180	240	35.2			500	17.7	7.5	0.3	18.1	7.0	0.1	17.9	8.3	8.1	8.4	500	2	2	0.44			cBOD<2
14-Oct-08	14.9	7.8	7.4			36.4	13,000,000	4,900,000	500	17.1	7.5	1.1	17.4	7.2	0.2	16.6	8.3	9.0	8.4				0.60	6	4	
15-Oct-08	14.7	7.9	7.9	190	230	36.3	4,900,000	1,300,000	500	16.2	7.6	0.7	16.8	7.0	0.1	16.1	7.7	7.0	8.6		2	3.8	0.52	8	4	cBOD<2
16-Oct-08	14.9	7.9	7.8			39.7			495	16.8	7.5	0.9	17.4	6.8	0.1	16.6	7.6	7.3	8.4	500			1.68			
17-Oct-08	15.3	7.4	7.2	170	230	30.4	7,000,000	4,600,000	493	17.2	7.2	0.5	17.5	6.8	0.1	16.5	8.0	7.7	8.1		2	2.5	0.39	39	12	cBOD<2
18-Oct-08									488																	
19-Oct-08									485																	

Date	INFLUENT								SO8															Comments		
	Tem- pera- ture	pH Comp	pH Grab	BOD	TSS	NH4- N	Fecal Coliform	E Coli	Flow	Aeration Chamber			Clarifier			J Tube			pH Comp	45 minute SS	CBOD	TSS	NH4- N		Fecal Coli- form Effluent	E Coli Effluent
										Tem- pera- ture	pH	DO	Tem- pera- ture	pH	DO	Tem- pera- ture	pH	DO								
20-Oct-08	15.3	7.7	7.3	170	240	38.5	13,000,000	2,200,000	483	16.4	7.5	0.6	16.9	7.2	0.2	16.5	8.3	8.4	8.3	550	2	1.4	0.28	4	4	cBOD<2
21-Oct-08	11.7	7.7	7.5			29.1			478	15.7	7.4	0.6	16.2	7.1	0.1	15.3	8.2	8.3	8.4				0.30			
22-Oct-08	14.0	7.6	7.8	180	300	27.7	4,900,000	3,300,000	475	16.2	7.3	0.2	16.6	6.9	0.2	15.4	8.2	8.3	8.2		2	3.6	0.48	5	2	cBOD<2
23-Oct-08	14.6	7.5	7.5			34.6			478	15.1	7.4	1.5	16.2	6.9	0.2	14.8	7.9	7.1	8.1	600			0.43			
24-Oct-08	15.6	7.7	7.6	180	210	23.9	13,000,000	2,300,000	508	16.4	7.5	1.0	16.7	7.2	0.2	16.0	8.2	8.7	8.3		2	3	0.54	24	10	cBOD<2
25-Oct-08									511																	
26-Oct-08									514																	
27-Oct-08	11.7	7.8	7.8	170	230	33.6	3,300,000	1,700,000	519	15.2	7.3	0.8	15.4	6.9	0.1	15.2	8.1	8.0	8.3	550	2	4.2	0.40	300	20	cBOD<2
28-Oct-08	13.1	7.7	7.7			34.7			522	15.1	7.4	0.3	15.6	7.0	0.1	15.3	8.1	8.5	8.3				0.49			
29-Oct-08	16.1	7.7	7.8	190	270	37.4	4,900,000	2,300,000	525	16.2	7.4	1.2	16.7	7.0	0.2	16.0	8.1	8.7	8.2		2	1.2	0.65	23	8	cBOD<2
30-Oct-08	15.3	7.5	7.8			32.9			528	16.1	7.3	0.5	16.4	6.9	0.1	16.3	7.4	7.6	8.2	500			0.62			
31-Oct-08	16.0	7.6	7.4	150	190	35.3	2,300,000	2,300,000	528	16.7	7.2	0.3	16.8	7.0	0.2	15.8	8.0	7.5	8.2		2	7.2	0.49	250	90	cBOD<2
01-Nov-08									500																	
02-Nov-08									500																	
03-Nov-08	13.7		7.2	180	160	21.9	7,900,000	4,900,000	500	15.8	7.4	0.6	16.6	6.8	0.1	15.6	8.2	8.4	8.1	550	4.3	6.4	0.44	50	40	
04-Nov-08	13.1	7.7	7.7			27.2			500	14.9	7.3	0.5	15.8	6.7	0.1	14.2	8.1	8.5	8.4				0.16			
05-Nov-08	11.7	7.8	7.9	110	68	30.9	17,000,000	11,000,000	500	14.9	7.4	0.3	14.7	7.0	0.6	14.5	8.2	8.2	8.4		2	2	0.46	34	26	cBOD<2
06-Nov-08	15.0	7.4	7.5			31.0			500	15.0	7.3	0.4	15.0	7.1	0.2	14.7	8.1	8.2	8.3	575			0.60			
07-Nov-08	15.4	7.3	7.6	170	180	22.2	4,600,000	4,600,000	500	15.6	7.3	0.3	15.9	7.3	0.3	15.7	8.2	9.1	8.2		2	3	0.28	27	9	cBOD<2
08-Nov-08									500																	
09-Nov-08									500																	
10-Nov-08	14.7	7.9	7.7	86	85	21.5	7,900,000	7,900,000	500	13.9	7.3	0.4	15.4	7.2	0.2	13.7	8.3	9.2	8.3	575	2	3	0.14	10	10	cBOD<2
11-Nov-08	14.7	7.5	7.5			21.8			500	15.5	7.4	1.1	15.7	6.8	0.2	15.5	7.7	7.2	8.3				0.15			
12-Nov-08	16.6	7.7	8.1	170	190	26.6	7,900,000	4,900,000	500	15.7	7.4	1.1	16.0	7.2	0.2	15.5	8.1	8.1	8.3		2	1.8	0.21	27	21	cBOD<2
13-Nov-08	13.1	7.8	7.0			21.7			500	14.1	7.3	1.6	14.4	7.1	0.4	13.9	8.2	8.3	8.3	600			0.32			
14-Nov-08	13.4	7.5	6.9	190	210	25.9	7,000,000	2,300,000	500	14.6	7.3	1.1	14.3	7.0	0.3	13.2	8.1	8.7	8.3		2	7.7	0.07	46	22	cBOD<2
15-Nov-08									500																	
16-Nov-08									500																	
17-Nov-08	15.3	7.7	7.4	190	190	32.0	4,900,000	4,900,000	500	15.7	7.2	0.6	16.0	6.8	0.2	16.0	7.9	8.7	8.2	600	2	19	0.12	300	120	cBOD <2 No flow from 12:40 to 14:00 due to main plant maintenance.
18-Nov-08	13.0	8.7	7.5			25.4			400	15.3	7.2	1.4	16.1	6.8	0.2	15.3	8.0	8.5	8.2				0.16			
19-Nov-08	11.7	7.7	8.0	270	320	34.0	2,300,000	2,300,000	500	13.7	7.3	3.3	13.2	7.2	0.9	11.4	8.2	8.3	8.2		2	8.5	0.17	400	190	cBOD <2
20-Nov-08	13.7	7.6	7.0			32.1			500	13.2	7.3	0.2	13.5	7.0	0.3	14.4	8.1	8.3	8.2	550			0.20			
21-Nov-08	12.5	7.6	7.6	210	260	31.1	11,000,000	1,400,000	500	14.5	7.4	1.1	15.0	7.1	0.2	13.5	8.1	8.2	8.3		4.5	59	0.12	800	300	
22-Nov-08									500																	
23-Nov-08									500																	
24-Nov-08	11.5	7.9	7.7	170	200	26.1	4,900,000	4,900,000	500	12.2	7.4	2.4	13.4	6.8	0.2	13.1	8.2	8.1	8.4	600	2	4	0.13	90	14	cBOD <2
25-Nov-08	14.4	7.6	7.6			29.5			500	13.8	7.4	1.8	13.9	6.9	0.3	14.1	8.3	8.7	8.4				0.15			
26-Nov-08	12.8	7.7	7.5	180	210	29.1	4,900,000	4,900,000	500	12.5	7.4	1.6	11.9	7.0	0.5	11.1	8.2	9.5	8.4		2	4.6	0.15	100	20	cBOD <2
27-Nov-08	12.9	8.5	7.5			28.7			500	13.0	7.5	2.0	12.9	7.0	0.4	11.4	8.1	10.5	8.3	690			0.22			

Date	INFLUENT								SO8																	Comments
									Flow	Aeration Chamber			Clarifier			J Tube			pH Comp	45 minute SS	CBOD	TSS	NH4-N	Fecal Coli-form Effluent	E Coli Effluent	
	Tem-perature	pH	DO	Tem-perature	pH	DO	Tem-perature	pH		DO																
28-Nov-08	13.7	8.7	8.2	210	270	27.2	4,900,000	3,300,000	500	14.2	7.4	0.9	14.2	7.4	0.4	14.1	8.3	9.8	8.3		2	10	0.22	80	50	cBOD<2
29-Nov-08									500																	
30-Nov-08									500																	
01-Dec-08	14.7	8.1	7.7	200	210	26.7	4,900,000	700,000	500	14.9	7.5	1.4	15.1	7.5	0.7	15.3	8.4	8.8	8.4	700	2	2.2	0.17	24	5	cBOD<2
02-Dec-08	13.5	8.8	8.0			21.0			500	14.7	7.5	1.2	14.9	7.5	0.4	15.0	8.4	8.8	8.4				0.57			
03-Dec-08	12.6	8.6	7.4	260	450	24.1	4,900,000	1,700,000	500	13.2	7.5	0.9	13.6	7.3	0.5	11.5	8.3	8.6	8.4		2	13	0.32	900	500	cBOD<2
04-Dec-08	11.6	7.7	7.0			26.9			500	12.7	7.5	2.3	12.5	7.4	0.3	12.1	8.3	9.5	8.4	600			0.25			
05-Dec-08	13.1	7.9	8.2	180	190	30.8	24,000,000	24,000,000	500	12.4	7.5	1.2	12.2	7.3	0.3	12.9	8.2	9.2	8.3		11	320	0.22	51,000	21,000	
06-Dec-08									500																	
07-Dec-08									500																	
08-Dec-08	11.4	8.2	8.7	190	210	28.5	11,000,000	7,900,000	500	13.3	7.4	1.6	13.7	7.3	0.4	12.9	8.2	7.9	8.4	700	2	13	0.27	71	17	cBOD<2
09-Dec-08	13.4	8.1	8.4			27.6			500	13.5	7.5	0.8	13.7	7.5	0.8	14.0	8.3	9.0	8.4				0.28			
10-Dec-08	13.5		7.0						500	13.6	7.5	1.5	13.8	7.5	1.5	13.7	8.3	9.7	8.4		4.4	53	0.19	2,200		Problem with influent composite sampler. No influent samples today. Lab error no Ecoli result.
11-Dec-08	13.0	8.5	7.7			27.5			500	13.5	7.5	1.6	13.1	7.5	0.6	13.1	8.3	9.3	8.4	700			0.14			
12-Dec-08	12.4	7.9	7.9	190	220	29.2	7,900,000	4,900,000	500	13.4	7.6	1.1	13.8	7.5	1.2	13.6	8.4	9.5	8.4		8.7	170	0.10	2,800	1,400	
13-Dec-08									500																	
14-Dec-08									500																	
15-Dec-08	8.7	7.9	7.7						0	10.9	7.6	3.4	11.0	7.5	0.4					650						Feed line & sampling line frozen. No flow and no sample
16-Dec-08	11.2	7.5	7.4						0	8.6	7.6	1.9	8.1	7.3	0.8											Feed line & sampling line frozen. No flow and no sample. UV alarm on.
17-Dec-08	9.0	7.6	7.5	210	280	28.8	7,900,000	4,900,000	500	10.2	8.0	6.6	10.4	7.3	0.4	9.9	7.7	5.7	7.8		2	11	0.21	5	2	cBOD <2 UV unit replaced. FC expected to be high.
18-Dec-08	10.7	7.6	7.4			30.9			500	9.1	7.8	4.6	8.9	7.5	0.9	9.8	8.6	9.4	8.6	600			0.18			Unit fed midnight to 9am instead of 6 am to 9 am due to extreme cold weather
19-Dec-08	6.3		7.2				4,900,000	4,900,000	500	7.6	7.8	5.5	7.0	7.6	1.1	7.1	8.6	8.6	8.7		5.6	32		580	310	Influent sampling line frozen, no influent data
20-Dec-08									500																	
21-Dec-08									500																	
22-Dec-08	10.1	7.9	8.0	190	230		3,300,000	3,300,000	500	9.0	7.5	5.3	9.6	7.4	2.0	9.5	8.4	7.3	8.4	700	3.4	19		490	17	
23-Dec-08	8.8	7.2	7.0						500	8.8	7.5	5.7	9.4	7.4	3.4	9.7	8.3	9.5	8.4							
24-Dec-08	11.5	7.6	7.7	280	280		4,600,000		498	10.0	7.4	1.6	10.3	7.4	0.7	9.3	8.2	8.9	8.3	800	11	120		20,000		FC >20,000 No Ecoli as lab cannot process them on Christmas Day
25-Dec-08									496																	
26-Dec-08	12.1	7.9	7.6	140	88		4,900,000	3,300,000	494	10.5	6.9	1.4	10.4	7.1	3.0	10.0	7.9	9.8	8.1		5.1	43		1,180	600	
27-Dec-08									493																	

Date	INFLUENT								SO8																Comments	
									Flow	Aeration Chamber			Clarifier			J Tube			pH Comp	45 minute SS	CBOD	TSS	NH4-N	Fecal Coli-form Effluent		E Coli Effluent
	Tem-perature	pH	DO	Tem-perature	pH	DO	Tem-perature	pH		DO																
28-Dec-08									490																	
29-Dec-08	10.2	7.9	7.8	230	290		3,300,000	2,300,000	488	10.6	7.2	4.2	10.7	7.1	1.0	10.5	7.7	1.0	7.4	800	12	140		38,000	21,000	
30-Dec-08	9.9	7.3	7.8						487	9.9	7.4	3.9	10.1	7.1	1.2	9.9	8.1	9.7	7.9							
31-Dec-08	9.2	7.9	8.1	160	170		3,100,000	3,100,000	485	10.1	7.6	5.8	10.2	7.3	0.5	10.1	8.1	9.8	8.1		9.4	120		36,000	17,000	
01-Jan-09									483																	
02-Jan-09	8.5	7.9	7.8	140	160		3,300,000	3,300,000	481	9.1	7.5	4.5	9.6	7.0	0.4	9.0	8.3	9.2	8.4	700	3.6	26		600	300	
03-Jan-09									480																	
04-Jan-09									478																	
05-Jan-09	9.5	8.0	8.3						416	9.8	7.6	5.5	10.1	7.5	1.3	10.2	8.3	7.4	8.4	600						No flow for 1.5 hour during noon feed period
06-Jan-09	10.4	7.8	7.6							10.6	7.5	6.6	10.6	7.2	0.6	10.9	8.3	9.6	8.3							Aerators repaired and unit serviced
07-Jan-09	9.8	7.9	7.9							9.6	7.6	5.4	10.0	7.1	0.5	10.2	8.3	9.6	8.3							
08-Jan-09	10.2	7.6	7.8							10.4	7.4	6.0	10.8	7.1	1.5	10.6	8.2	9.5	8.2							
Mean (average)	15.5	7.7	7.6	187	225		8,374,242	4,869,231	491	16.8	7.4	1.6	16.9	7.2	0.5	16.8	8.1	8.1	8.3	576	3.4	22		2,406	1,000	Inappropriate method for reporting FC and Ecoli
Standard Deviation	3.9	0.3	0.3	44	60		5,470,517	3,772,471	59	4.4	0.2	1.6	4.4	0.2	0.5	4.4	0.2	1.1	0.2	117	2.4	50		9,097	4,198	Inappropriate method for reporting FC and Ecoli
Geometric Mean	15.0	7.7	7.6	182	216		8,864,120	4,565,510	498	16.2	7.4	1.1	16.3	7.2	0.3	16.2	8.1	8.0	8.3	562	2.9	8		46	16	
Ammonia Summer Mean (Average) - to Oct 31						32.8									Ammonia Summer Mean (Average) - to Oct 31							0.5				
Ammonia Summer Standard Deviation - to Oct 31						3.4									Ammonia Summer Standard Deviation - to Oct 31							0.3				
Ammonia Summer Geometric Mean - to Oct 31						32.6									Ammonia Summer Geometric Mean - to Oct 31							0.4				
Ammonia winter Mean (Average) - Nov 1 onwards						27.4									Ammonia winter Mean (Average) - Nov 1 onwards							0.2				
Ammonia Summer Standard Deviation - Nov 1 onwards						3.6									Ammonia Summer Standard Deviation - Nov 1 onwards							0.1				
Ammonia winter Geometric Mean - Nov 1 onwards						27.1									Ammonia winter Geometric Mean - Nov 1 onwards							0.2				