

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Mar-12
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

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 Permit # IN0025577
 Expires 12-31-2014
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

					Raw Sewage				Primary Effluent				Secondary Effluent				Rotary Filter		Fixed-Bed Filter		Trickling Filters	Biotowers					
Day of the Month	Day of the Week	Total Flow in MGal/Day	Weekly Average Flow MGal/Day	Precip in inches	Collection System Overflow 'X' if occurred	Diversion to CSO Basin At site hours	CSO Basin Overflow MGal/Day	pH	CBOD in mg/L	TSS in mg/L	NH3 in mg/L	pH	CBOD in mg/L	TSS in mg/L	NH3 in mg/L	pH	CBOD in mg/L	TSS in mg/L	NH3 in mg/L	Flow in MG/Day	Cleaning in Minutes	Flow in MG/Day	Cleaning in Minutes	Secondary Recirc. Ratio	Flow in MG/Day	Tertiary Recirc. Ratio	Cleaning in Minutes
1	Thu	6.9					0.00	7.74	64	68	7.14	7.55	55	66	9.42	7.39	17	27	7.49	5.5		2.4		0.14	8.3	0.21	
2	Fri	5.0		0.16			0.00	7.66	103	84	10.17	7.45	67	58	11.33	7.36	16	19	9.84	4.8		1.8		0.33	5.9	0.19	
3	Sat	3.6					0.00	7.68	115	146	11.84	7.47	66	70	12.57	7.49	15	20	9.50	4.6		1.7		0.73	4.3	0.17	
4	Sun	3.4		0.07			0.00	7.67	104	104	13.59	7.49	67	64	13.91	7.44	26	25	11.50	4.6		2.1		0.93	4.0	0.17	
5	Mon	5.5		0.13			0.00	7.81	78	108	9.06	7.58	68	66	10.02	7.41	16	26	8.85	4.6		2.6		0.30	6.6	0.20	
6	Tue	5.7				3.3	0.00	7.67	50	68	8.24	7.59	40	64	8.95	7.50	15	32	7.16	5.4		2.6		0.40	6.9	0.22	
7	Wed	4.3					0.00	7.62	88	99	11.93	7.48	72	46	13.10	7.49	12	14	9.55	4.8		2.4		0.68	5.1	0.18	
8	Thu	5.0		0.22		1.9	0.00	7.61	100	238	12.13	7.46	67	110	13.15	7.36	11	19	11.54	5.1		2.2		0.47	5.9	0.18	
9	Fri	4.1					0.00	7.77	112	128	14.22	7.55	72	66	15.52	7.42	15	16	12.85	4.6		1.7		0.54	4.9	0.18	
10	Sat	4.4	4.6				0.00	7.75	60	82	11.43	7.55	64	62	12.28	7.43	11	22	9.39	4.6		1.7		0.43	5.2	0.18	
11	Sun	3.3					0.00	7.52	108	118	13.53	7.42	77	64	15.50	7.37	10	18	11.72	4.4		2.0		0.92	3.9	0.19	
12	Mon	7.9		0.34		8.6	0.00	7.64	83	98	6.45	7.41	73	92	7.83	7.31	15	25	7.99	6.7		3.2		0.26	9.4	0.20	
13	Tue	4.6					0.00	7.66	75	96	9.62	7.49	57	60	13.05	7.26	15	25	9.10	4.7		2.3	240	0.54	5.3	0.16	
14	Wed	4.4					0.00	7.78	94	130	10.52	7.48	96	204	15.70	7.30	14	29	11.42	4.6		2.4		0.59	5.2	0.19	
15	Thu	3.5					0.00	7.80	108	198	12.85	7.51	80	80	16.62	7.30	11	20	11.78	4.6		1.9		0.85	4.2	0.18	
16	Fri	3.5					0.00	8.05	120	136	11.41	7.64	98	71	15.07	7.30	14	22	10.18	4.6		1.7		0.80	4.1	0.17	
17	Sat	4.6	4.5				0.00	7.59	105	88	7.71	7.43	68	64	8.50	7.33	16	21	7.12	5.7		1.7		0.60	5.5	0.19	
18	Sun	4.9		0.05			0.00	7.53	85	84	8.34	7.36	57	60	9.56	7.20	10	26	6.71	4.6		2.5		0.46	5.8	0.19	
19	Mon	5.5		0.06		0.2	0.00	7.45	95	95	11.06	7.28	69	64	10.22	7.25	11	26	7.69	5.3	60	2.7		0.48	6.5	0.18	
20	Tue	3.5					0.00	7.47	145	220	25.45	7.28	94	66	25.98	7.18	11	17	11.80	4.6		2.3		0.93	4.2	0.17	150
21	Wed	3.5					0.00	7.48	120	183	15.82	7.33	83	76	18.21	7.19	11	19	11.83	4.6		2.3		0.95	4.0	0.15	
22	Thu	5.5		0.05			0.00	7.57	83	100	10.15	7.36	62	74	16.48	7.17	11	26	14.03	4.9		2.2		0.29	6.6	0.20	
23	Fri	4.5		0.24		0.6	0.00	7.40	78	134	25.64	7.27	69	75	29.44	7.14	12	21	19.37	5.0		1.8		0.53	5.3	0.18	
24	Sat	3.4	4.4				0.00	7.57	105	100	26.88	7.46	72	66	29.97	7.35	7	14	19.53	4.7		1.7		0.90	4.0	0.17	
25	Sun	5.3					0.00	7.53	60	46	17.89	7.41	53	50	23.36	7.32	9	22	17.36	4.6		2.1		0.25	6.3	0.18	
26	Mon	4.2					0.00	7.49	102	143	15.09	7.44	60	70	12.82	7.45	9	28	7.51	5.0		2.3		0.73	5.0	0.19	
27	Tue	3.3					0.00	7.59	110	128	18.34	7.35	78	84	18.14	7.31	10	24	9.57	4.6		2.2		1.06	3.9	0.18	
28	Wed	3.3					0.00	7.52	108	225	15.83	7.37	85	74	18.41	7.25	9	18	10.08	4.6		2.2		1.05	3.9	0.18	
29	Thu	4.9					0.00	7.61	87	104	14.27	7.43	70	68	18.31	7.22	11	27	11.63	4.7		1.9		0.33	5.9	0.19	
30	Fri	5.4		0.15		4.8	0.00	7.53	100	114	14.29	7.37	70	80	14.24	7.24	14	29	8.08	5.3		2.2		0.38	6.4	0.18	
31	Sat	3.2	4.2				0.00	7.65	115	74	18.30	7.44	92	56	21.91	7.29	21	21	12.22	4.7		1.7		1.00	3.8	0.18	
AVERAGE		4.5		0.05		0.6	0.00	7.63	95	121	13.52	7.44	71	73	15.47	7.32	13	22	10.78	4.9	2	2.1	8	0.61	5.4	0.18	5
MAXIMUM		7.9	4.6	0.34		8.6	0.00	8.05	145	238	26.88	7.64	98	204	29.97	7.50	26	32	19.53	6.7	60	3.2	240	1.06	9.4	0.22	150
MINIMUM		3.2		0.05		0.0	0.00	7.40	50	46	6.45	7.27	40	46	7.83	7.14	7	14	6.71	4.4	60	1.7	240	0.14	3.8	0.15	150
# OF DATA		31		10		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1	31	1		31		1
TOTAL		140		1.47		19	0	236	2959	3739	419	231	2199	2270	480	227	399	697	334	151	60	67	240		166		150

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Final Effluent

Day of the Month	Day of the Week	Effluent Flow in MGal/Day	Maximum Daily pH	Minimum Daily pH	CBOD in mg/L	CBOD weekly av in mg/L	CBOD in lbs/Day	CBOD weekly av in lbs/Day	TSS in mg/L	TSS weekly av in mg/L	TSS in lbs/Day	TSS weekly av in lbs/Day	NH3-N in mg/L	NH3-N weekly av in mg/L	NH3-N in lbs/Day	NH3-N weekly av in lbs/Day	Dissolved Oxygen in mg/L	Aerators run in hours	Chlorine Tank Residual in mg/L	Escherichia Coliform (Colonies /100mL)	Effluent Chlorine Residual in mg/L
1	Thu	6.4	7.46	7.20	6		328		11		632		0.58		33		10.5				
2	Fri	4.8	7.34	7.27	5		201		1		42		1.05		44		10.4				
3	Sat	3.5	7.52	7.34	4		118		8		242		0.63		19		10.3				
4	Sun	3.3	7.51	7.46	3		95		6		158		0.58		17		10.4				
5	Mon	5.1	7.48	7.36	4		174		6		274		0.47		21		10.7				
6	Tue	5.2	7.62	7.40	4		194		11		520		0.44		21		10.4				
7	Wed	4.1	7.80	7.41	4		144		4		144		0.49		18		9.8				
8	Thu	4.7	7.58	7.19	5		190		6		228		0.63		26		9.9				
9	Fri	3.9	7.44	7.30	4		120		2		68		0.54		18		10.2				
10	Sat	4.2	7.53	7.38	3	4	114	147	7	6	257	236	0.40	0.51	15	19	10.6				
11	Sun	3.1	7.54	7.46	4		102		8		207		0.31		9		10.1				
12	Mon	7.2	7.49	7.27	5		335		7		459		0.36		24		9.6				
13	Tue	4.3	7.52	7.39	3		126		5		191		0.17		6		9.6				
14	Wed	4.2	7.49	7.32	3		121		10		366		0.41		15		8.9				
15	Thu	3.4	7.54	7.33	3		73		4		103		0.25		7		8.9				
16	Fri	3.4	7.78	7.31	4		114		7		204		0.31		9		8.8				
17	Sat	4.4	7.53	7.41	6	4	217	155	8	7	310	263	0.21	0.29	8	11	8.9				
18	Sun	4.7	7.47	7.30	4		180		9		347		0.10		4		8.9				
19	Mon	5.0	7.51	7.32	4		191		13		591		0.50		23		8.9				
20	Tue	3.4	7.57	7.50	4		103		8		236		0.10		3		8.8				
21	Wed	3.3	7.58	7.44	3		100		9		263		0.18		5		9.2				
22	Thu	5.1	7.52	7.36	6		293		15		664		0.14		6		9.1				
23	Fri	4.3	7.57	7.34	4		130		8		298		0.26		10		8.6				
24	Sat	3.2	7.63	7.32	4	4	107	158	4	9	112	359	0.32	0.23	9	9	9.2				
25	Sun	5.0	7.65	6.96	3		129		5		200		0.16		7		9.4				
26	Mon	3.9	7.81	7.65	3		88		14		491		0.10		4		9.7				
27	Tue	3.2	7.73	7.37	2		64		10		263		0.10		3		9.7		1.00		< 0.01
28	Wed	3.2	7.56	7.34	4		97		10		278		0.17		5		9.7		1.46		0 < 0.01
29	Thu	4.6	7.40	7.28	3		136		16		638		0.17		7		9.7		1.36		3 < 0.01
30	Fri	5.1	7.35	7.22	6		280		16		722		0.44		20		9.8		1.46		2 < 0.01
31	Sat	3.1	7.47	7.32	7	4	194	141	12	12	320	416	0.41	0.22	11	8	10.0		1.22		1 < 0.01
AVERAGE		4.3			4		157		8		317		0.35		14		9.6		1.30		2 < 0.01
MAXIMUM		7.2	7.81		7	4	335	158	16	12	722	416	1.05	0.51	44	19	10.7		1.46		3 < 0.01
MINIMUM		3.1		6.96	2		64		1		42		0.10		3		8.6		1.00		0 < 0.01
# OF DATA		31	31	31	31		31		31		31		31		31		31		5		4 5
TOTAL		132	234	227	125		4855		256		9827		11		426		298.7		6.50		6 < 0.01

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Permit # IN0025577

Expires 12-31-2014

Certified Operator : Jerry P Jackson

Certification Number : 11496

Solids Removal

		Chemicals Used for disinfection			Primary & Secondary Settling					Final Settling		
Day of the Month	Day of the Week	Chlorine in lbs/Day	Sulfur Dioxide in lbs/Day	Grit in cubic ft per day	Screening in cubic ft per day	Pri. Sludge to Primary # 1 Digester (gal x 1000)	Scum to Primary # 2 Digester (gal x 1000)	Secondary Sludge to Pri. Clarifier (gal x 1000)	Cleaning Mechanism run in hours	Sludge Drawn Hours per day	Sludge to Headworks (gal x 1000)	
1	Thu					31	0	234	6	2	87	
2	Fri			20	41	23	3	273	6	2	76	
3	Sat					27	0	274	6	2	84	
4	Sun					22	0	280	6	2	76	
5	Mon					22	0	280	6	2	76	
6	Tue					28	0	283	6	2	75	
7	Wed					29	0	273	6	2	75	
8	Thu					32	0	263	6	2	80	
9	Fri			20	27	24	0	255	6	2	76	
10	Sat					27	0	258	6	2	76	
11	Sun					25	0	244	6	2	75	
12	Mon					38	0	250	6	2	76	
13	Tue					30	0	252	6	2	75	
14	Wed					26	3	249	6	2	75	
15	Thu					31	0	249	6	2	78	
16	Fri					32	0	251	6	2	75	
17	Sat					32	0	251	6	2	76	
18	Sun					38	0	253	6	2	77	
19	Mon					32	0	252	6	2	77	
20	Tue					33	0	253	6	2	75	
21	Wed					32	0	253	6	2	99	
22	Thu					33	0	254	6	2	100	
23	Fri			14	27	38	4	252	6	2	78	
24	Sat					37	0	249	6	2	85	
25	Sun					36	0	252	6	2	75	
26	Mon					35	0	253	6	2	79	
27	Tue	108	48			33	0	258	6	2	80	
28	Wed	230	60			33	0	261	6	2	82	
29	Thu	160	80			32	0	266	6	2	88	
30	Fri	400	100			37	0	267	6	2	85	
31	Sat	150	70			38	0	269	6	2	79	
AVERAGE		34	12	2	3	31	0	258	6	2	80	
MAXIMUM		400	100	20	41	38	4	283	6	2	100	
MINIMUM		108	48	14	27	22	0	234	6	2	75	
# OF DATA		5	5	3	3	31	31	31	31	31	31	
TOTAL		1048	358	54	95	965	11	8011	186	70	2471	

Secondary Digester		Date:
<i>Sample Taken by Grab Method</i>		
Pollutants:	Wet Wght	Dry Wght
Inorganic	mg/L	mg/Kg
Arsenic - As		
Cadmium - Cd		
Chromium - Cr		
Copper - Cu		
Lead - Pb		
Mercury - Hg		
Molybdenum - Mo		
Nickel - Ni		
Selenium - Se		
Zinc - Zn		
% Total Solids		

Nutrients	Wet Wght	% by
	mg/L	weight
TKN		
Ammonia		
Nitrate		
Phosphorous		
Potassium		

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		Raw Sludge				Primary Digester #1				Primary Digester #2				Secondary Digester					Digested Sludge Storage Tank				
Day of the Month	Day of the Week	Gas produced in 1000 cubic ft per day	Total Solids in percent	Solids Percent Volatile	pH	Total Solids in percent	Solids Percent Volatile	pH	Digester Temp in Deg. F	Total Solids in percent	Solids Percent Volatile	pH	Digester Temp in Deg. F	Sludge to Secondary Digester (gal x 1000)	Total Solids in percent	Solids Percent Volatile	pH	Digester Overflow Supernatant (gal x 1000)	Digester Supernatant (% Total Solids)	Storage Tank #1 Volume (gal x 1000)	Storage Tank #2 Volume (gal x 1000)	Storage Tank Supernatant (gal x 1000)	Secondary to Storage Tank (gal x 1000)
1	Thu								96				96	42				102			171	16.6	
2	Fri								96				96	20				62	0.19		165	7.0	
3	Sat								96				96	20				62			164		
4	Sun								96				96	16				50			164		
5	Mon		2.59	69.6	6.84	1.89	58.5	6.89	96	1.98	58.2	7.12	96	23	4.25	63.7	7.28	36	0.20		186		22
6	Tue								96				96	15				45			185		
7	Wed								96				96	21				67			186		
8	Thu								96				96	24				69			171	14.8	
9	Fri								96				96	15				47			140	30.0	
10	Sat								96				96	16				55	0.04		132	7.9	
11	Sun								96				96	25				69	0.18		132		
12	Mon		2.75	73.1	6.28	1.91	53.4	7.05	96	2.66	56.3	7.15	96	28	5.42	57.3	6.99	35			156		23
13	Tue								96				96	19				64			155		
14	Wed								96				96	16				57	0.21		155		
15	Thu								96				96	25				66			154		
16	Fri								96				96	20				57	0.18		154		
17	Sat								96				96	18				64			154		
18	Sun								96				96	22				76			154		
19	Mon		3.82	72.8	6.51	2.18	61.4	6.94	96	2.19	59.4	7.10	96	27	5.17	54.5	7.13	30			180		26
20	Tue								96				96	11				31			179		
21	Wed								96				96	22				62			179		
22	Thu								96				96	20				61			179		
23	Fri								96				96	34				87			179		
24	Sat								96				96	21				71	0.05		179		
25	Sun								96				96	23				77	0.12		179		
26	Mon		3.86	75.1	6.25	2.27	58.4	6.93	96	1.66	50.3	7.17	96	27	4.45	56.3	7.21	30			203		26
27	Tue								96				96	18				49			202		
28	Wed								96				96	19				69			201		
29	Thu								96				96	20				71			193	7.6	
30	Fri								96				96	22				76			169	23.5	
31	Sat								96				96	24				82			168	1.9	
AVERAGE			3.26	72.7	6.47	2.06	57.9	6.95	96	2.12	56.1	7.14	96	22	4.82	58.0	7.15	61	0.15		170	3.5	3
MAXIMUM			3.86	75.1	6.84	2.27	61.4	7.05	96	2.66	59.4	7.17	96	42	5.42	63.7	7.28	102	0.21		203	30.0	26
MINIMUM			2.59	69.6	6.25	1.89	53.4	6.89	96	1.66	50.3	7.10	96	11	4.25	54.5	6.99	30	0.04		132		
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	4	4	4	31	8	31	31	31	31
TOTAL			13	291	26	8	232	28	2974	8	224	29	2975	673	19	232	29	1882	1		5267	109	97

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NPDES LIMITS AND ANALYSIS

Metals and Cyanide Analysis : All results are given in mg/l

INFLUENT								EFFLUENT							
Method: 24 hour composite								Site: Post Disinfection							
Sample Characteristics		Cr	Cu	Pb	Ni	Zn	CN, Free	Cr	Cu	Pb	Ni	Zn	CN, Free		
Sample Number															
Sample Type	Permit Condition	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB		
	Monitored	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB		
Frequency	Permit Condition	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual		
	Monitored	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual		
Parameter Limits	Daily Maximum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Monthly Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
1st Date:	March 8, 2012	0.014	0.093	0.014	0.014	0.170		<0.005	0.015	<0.005	<0.005	0.022			
2nd Date :	March 28, 2012	0.009	0.050	<0.005	0.007	0.052	<0.005	<0.005	0.017	<0.005	<0.005	0.018	<0.005		
3rd Date															
4th Date :															
5th Date															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.012	0.072	0.008	0.011	0.111	<0.003	<0.003	0.016	<0.003	<0.003	0.020	<0.003		
Maximum		0.014	0.093	0.014	0.014	0.170	<0.005	<0.005	0.017	<0.005	<0.005	0.022	<0.005		

Other Permit Analysis

	Weekly Av FLOW in MGD	Monthly Average FLOW in MGD	Weekly Av CBOD in mg/L	Monthly Average CBOD in mg/L	Weekly Av CBOD in lbs/Day	Monthly Average CBOD in lbs/Day	Weekly Av TSS in mg/L	Monthly Average TSS in mg/L	Weekly Av TSS in lbs/Day	Monthly Average TSS in lbs/Day	Weekly Av NH3-N in mg/L	Monthly Average NH3-N in mg/L	Weekly Av NH3-N in lbs/Day	Monthly Average NH3-N in lbs/Day	Daily Dissolved Oxygen* in mg/L	pH	Chlorine Residual in mg/L	Daily Max Escherichia Coliform (/100mL)	Mnthly Av Escherichia Coliform (/100mL)
Limit	None	None	40	25	3338	2086	45	30	3755	2504	2.70	1.80	225	150	6.0	6-9	0.06	235	125
Times Violated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Max	4.6	4.5	4	4	158	157	12	8	416	317	0.51	0.35	19	14	8.6	7.81	< 0.01	3	2
% of Limit	66%	65%	10%	16%	5%	8%	26%	27%	11%	13%	19%	20%	9%	9%	143%				
Total				0		0		0		0		0		0	0	0	0		0

*Dissolved Oxygen value is minimum daily average. Percent of limit values for Dissolved Oxygen less than 100% are indicative of a violation.

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Mar-12
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

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 Permit # IN0025577
 Expires 12-31-2014
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

Total lbs Volatile Solids to Digester 6,138

Overall Percent Removal of Volatile Solids 48.1%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 21,168

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 461

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 49

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 697

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 30

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 3

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 3

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	26%	39%	-14%
Secondary Treatment :	82%	69%	30%
Adv. Sec. Treatment :	69%	63%	97%
Overall Treatment :	96%	93%	97%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	3.8	1.6	2.7
Secondary Settling Tank	2.8	1.1	2.0
Final Settling Tank	8.8	3.6	6.2
Chlorine Contact Tank	0.61	0.25	0.43
Total Plant Retention Time	15.4	6.3	10.9

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	983	399	565
Secondary Settling Tank	1298	527	746
Final Settling Tank	662	269	380

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	19	8	11
Secondary Settling Tank	16	6	9
Final Settling Tank	15	6	9

TREATMENT EQUIPMENT	Total available	Number in service
PRIMARY CLARIFIER TANKS	4	4
SECONDARY CLARIFIER TANKS	2	2
FINAL CLARIFIER TANKS	2	2
ROTARY FILTER	1	1
FIXED BED FILTER	1	1
BIOTOWERS	2	2

Monthly Comments Concerning Plant Operation:

3/6/2012 - WWTP influent diverted to CSO storage for 1 hour to allow replacement of the water softener for pump seal water

3/12/2012 - Successful test of the backup power system

3/13/2012 - South half of the secondary fixed nozzle trickling filter started up for summer operation. One half of the fixed nozzle trickling filter is shut down every winter to minimize heat loss and to prevent freezing on the trickling filter surface.

3/26/2012 - Successful test of the backup power system

3/27/2012 - Started disinfection system for disinfection season.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines or imprisonment for knowing violations.

Certified Operator Signature: _____

Certification # : 11496

Executive Officer OR Authorized Agent Signature: _____

