

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Oct-13
 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	Tue	3.3		0.01			0.00	7.66	130	138	18.10	7.49	87	40	15.70	7.24	22	17	6.70	4.8		2.4		1.17	6.0	0.81	
2	Wed	2.7					0.00	7.52	190	190	21.40	7.44	89	66	18.50	7.26	21	25	6.79	4.8		2.3		1.62	5.0	0.83	
3	Thu	4.7		0.35		2.0	0.00	7.61	155	130	12.20	7.46	96	66	13.25	7.33	23	28	9.33	5.5		2.4		0.68	5.7	0.20	
4	Fri	4.2				2.2	0.00	7.68	110	134	11.10	7.42	93	60	11.00	7.12	14	18	5.66	5.1		2.2		0.72	6.8	0.60	
5	Sat	4.3	3.7	0.42		2.7	0.00	7.55	123	158	12.05	7.49	80	74	12.00	7.31	24	22	7.78	5.2		2.1		0.72	5.6	0.32	
6	Sun	6.2		0.28		5.0	0.00	7.56	52	46	5.87	7.43	42	40	7.29	7.24	22	17	3.24	5.7		2.3		0.29	6.7	0.07	
7	Mon	3.3					0.00	7.76	180	128	31.60	7.53	84	48	18.10	7.32	12	16	7.47	4.8		2.2		1.13	4.9	0.51	
8	Tue	3.3					0.00	7.65	111	84	17.10	7.51	72	54	18.80	7.27	16	17	7.94	4.7	200	2.4		1.12	5.5	0.65	
9	Wed	2.6					0.00	7.68	360	152	24.05	7.51	75	56	24.20	7.22	11	17	9.36	4.8		2.4		1.75	4.8	0.85	
10	Thu	2.6		0.01			0.00	7.76	150	174	25.40	7.53	85	70	24.85	7.33	16	21	10.00	4.8		2.4		1.78	4.8	0.88	
11	Fri	2.6					0.00	7.66	128	218	22.50	7.51	104	64	27.80	7.31	16	19	14.90	4.8		2.0		1.58	4.9	0.86	
12	Sat	2.6	3.3	0.01			0.00	7.54	155	120	22.60	7.49	100	78	24.90	7.31	12	14	11.40	4.8		1.8		1.58	4.9	0.89	
13	Sun	2.5					0.00	7.63	130	112	23.00	7.46	96	64	23.65	7.31	13	17	9.06	4.8		1.8		1.64	4.7	0.86	
14	Mon	3.4		0.01			0.00	7.72	130	96	19.40	7.52	102	52	26.50	7.25	28	14	13.30	4.8		2.2		1.04	6.0	0.76	
15	Tue	3.7		0.13			0.00	7.71	140	128	18.20	7.51	93	64	17.80	7.26	17	19	7.62	4.8		2.4		0.93	5.5	0.48	
16	Wed	2.6					0.00	7.67	135	98	26.25	7.55	87	44	23.60	7.19				4.8		2.3		1.80	4.9	0.90	
17	Thu	2.9		0.13			0.00	7.75	140	136	20.40	7.58	91	64	19.75	7.41	17	18	10.10	4.8		2.3		1.42	5.1	0.73	
18	Fri	2.7		0.01			0.00	7.71	195	102	29.80	7.54	92	46	23.90	7.24	14	10	8.52	4.8		2.0		1.49	4.9	0.78	
19	Sat	4.0	3.1	0.02			0.00	7.68	95	66	16.05	7.51	73	42	18.90	7.32	16	22	7.57	4.8		1.8		0.68	6.5	0.64	
20	Sun	2.6					0.00	7.64	148	110	21.60	7.57	101	60	21.60	7.43	14	16	6.10	4.8		1.8		1.60	4.8	0.89	
21	Mon	2.7		0.02			0.00	7.62	155	132	25.00	7.52	109	80	31.10	7.32	16	17	13.20	4.8		2.2	280	1.52	4.8	0.75	
22	Tue	2.6					0.00	7.74	245	148	61.00	7.62	113	84	29.60	7.46	18	25	11.90	4.8		2.3		1.76	4.8	0.87	
23	Wed	4.2		0.30		0.8	0.00	7.66	180	187	14.50	7.56	106	122	18.20	7.35	29	34	11.00	5.1		2.5		0.81	7.1	0.69	
24	Thu	4.0		0.06			0.00	7.69	98	94	13.90	7.49	92	86	14.40	7.29	16	22	5.31	4.7		2.3		0.75	5.7	0.42	
25	Fri	2.5		0.01			0.00	7.61	145	108	22.70	7.51	110	59	21.40	7.26	14	21	6.12	4.8		2.0		1.65	4.7	0.86	
26	Sat	2.5	3.0				0.00	7.63	150	86	22.95	7.56	101	50	23.90	7.47	17	14	7.03	4.8		1.8		1.67	4.8	0.93	
27	Sun	2.7					0.00	7.63	158	98	21.70	7.48	87	56	22.45	7.36	19	15	8.77	4.8		1.8		1.47	4.9	0.85	
28	Mon	2.6					0.00	7.62	195	165	21.10	7.52	112	64	26.10	7.22	19	18	11.55	4.7		2.1		1.61	4.9	0.85	120
29	Tue	3.8					0.00	7.74	98	66	16.90	7.51	87	52	24.50	7.27	20	18	13.80	4.7	100	2.3		0.83	6.5	0.70	
30	Wed	4.1	5.9	1.28		4.1	0.00	7.94	165	197	40.90	7.63	105	102	19.70	7.21	25	36	14.10	5.2		2.5		0.86	6.3	0.52	
31	Thu	9.8		1.30		23.9	0.00	7.32	20	52	3.40	7.48	38	60	10.30	6.97	12	44	3.26	7.4		3.6		0.13	13.4	0.37	
AVERAGE		3.5		0.14		1.3	0.00	7.66	147	124	21.38	7.51	90	63	20.44	7.28	18	20	8.96	5.0	10	2.2	9	1.22	5.7	0.69	4
MAXIMUM		9.8	5.9	1.30		23.9	0.00	7.94	360	218	61.00	7.63	113	122	31.10	7.47	29	44	14.90	7.4	200	3.6	280	1.80	13.4	0.93	120
MINIMUM		2.5		0.00		0.0	0.00	7.32	20	46	3.40	7.42	38	40	7.29	6.97	11	10	3.24	4.7	100	1.8	280	0.29	4.7	0.07	120
# OF DATA		31		31		31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	2	31	1		31		1
TOTAL		108		4.35		41	0	237	4564	3853	663	233	2802	1967	634	226	530	610	269	154	300	69	280		176		120

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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	Tue	2.6	7.59	7.41	6		173		3		82		0.24		7		8.4		1.39	20	< 0.01
2	Wed	2.2	7.70	7.47	7		168		13		294		0.16		4		7.8		1.16	3	< 0.01
3	Thu	3.6	7.59	7.35	9		352		8		316		0.90		36		7.7		1.17	9	< 0.01
4	Fri	3.4	7.43	7.26	4		155		9		317		0.69		24		7.7		1.44	122	< 0.01
5	Sat	3.4	7.61	7.31	4	6	145	192	10	9	355	265	0.54	0.43	19	15	7.7		1.37	5	< 0.01
6	Sun	5.0	7.34	7.22	12		595		7		362		0.53		27		8.0		1.29	331	< 0.01
7	Mon	2.6	7.47	7.17	5		134		6		164		0.21		6		8.2		1.11	5	< 0.01
8	Tue	2.7	7.58	7.39	5		139		6		153		0.41		11		8.4		1.21	38	< 0.01
9	Wed	2.1	7.51	7.42	5		104		7		152		0.40		9		8.1		1.28	27	< 0.01
10	Thu	2.0	7.56	7.40	3		68		8		160		0.30		6		8.3		1.10	14	< 0.01
11	Fri	2.1	7.53	7.42	5		116		5		110		0.75		16		8.1		1.27	5	< 0.01
12	Sat	2.0	7.56	7.33	5	6	106	180	4	6	86	170	0.55	0.45	12	13	8.1		2.02	3	< 0.01
13	Sun	2.0	7.54	7.42	5		109		12		241		0.32		7		8.4		0.53	3	< 0.01
14	Mon	2.7	7.48	7.40	8		237		7		200		2.13		61		8.6		1.89	0	< 0.01
15	Tue	3.0	7.47	7.31	5		165		9		281		0.93		29		8.4		2.05	14	< 0.01
16	Wed	2.0	7.43	7.25	7		138		5		107		0.64		14		9.1		1.41	116	< 0.01
17	Thu	2.3	7.72	7.32	4		103		9		208		0.55		13		8.9		1.47	61	< 0.01
18	Fri	2.2	7.52	7.34	4		93		2		45		0.34		8		8.6		1.46	51	< 0.01
19	Sat	3.2	7.52	7.38	6	6	204	150	7	7	231	187	0.46	0.77	15	21	9.5		1.14	20	< 0.01
20	Sun	2.0	7.72	7.30	5		115		5		106		0.18		4		9.7		0.78	19	< 0.01
21	Mon	2.2	7.49	7.34	4		94		7		160		0.52		12		9.3		1.20	12	< 0.01
22	Tue	2.0	7.75	7.28	6		122		11		225		0.71		15		9.2		1.24	42	< 0.01
23	Wed	3.5	7.58	7.14	9		306		17		598		1.52		53		10.4		1.23	377	< 0.01
24	Thu	3.3	7.47	7.23	5		178		8		252		0.47		16		10.4		1.22	122	< 0.01
25	Fri	2.1	7.44	7.26	7		151		6		127		0.28		6		9.7		1.35	2	< 0.01
26	Sat	2.0	7.81	7.12	5	6	99	152	3	8	62	219	0.22	0.56	5	16	9.2		2.02	1	< 0.01
27	Sun	2.1	7.56	6.82	6		133		6		122		0.31		7		9.4		1.66	0	< 0.01
28	Mon	2.1	7.41	7.17	4		88		4		88		0.51		11		8.8		1.55	3	< 0.01
29	Tue	3.1	7.40	7.15	6		176		4		112		1.82		58		9.2		1.78	8	< 0.01
30	Wed	3.4	7.40	7.23	10		354		20		688		2.92		100		9.1		1.52	4	< 0.01
31	Thu	8.2	7.13	6.32	8	7	684	378	23	14	1872	839	1.07	1.34	87	68	8.9		1.59	41	< 0.01
AVERAGE		2.8			6		187		8		267		0.70		23		8.8		1.38	14	< 0.01
MAXIMUM		8.2	7.81		12	7	684	378	23	14	1872	839	2.92	1.34	100	68	10.4		2.05	377	< 0.01
MINIMUM		2.0		6.32	3		68		2		45		0.16		4		7.7		0.53	0	< 0.01
# OF DATA		31	31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		87	233	225	186		5805		247		8277		22		698		271.3		42.90	1478	< 0.01

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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	Tue	80	60			22	0	274	6	2	79		
2	Wed	60	40			21	0	268	6	2	78		
3	Thu	70	80	20	34	33	0	267	6	2	78		
4	Fri	70	60	34		26	0	273	6	2	79		
5	Sat	80	60			28	0	270	6	2	79		
6	Sun	120	80			36	0	275	6	2	78		
7	Mon	80	60			21	0	273	6	2	79		
8	Tue	60	60		34	24	0	273	6	2	79		
9	Wed	60	40			24	0	267	6	2	77		
10	Thu	40	40			29	0	264	6	2	78		
11	Fri	50	50	20	20	29	0	264	6	2	86		
12	Sat	50	50			28	0	263	6	2	76		
13	Sun	40	50			22	0	262	6	2	76		
14	Mon	80	50			21	0	264	6	2	77		
15	Tue	70	60			22	0	270	6	2	76		
16	Wed	50	40			21	0	273	4	2	79		
17	Thu	50	60			20	0	277	6	2	84		
18	Fri	50	50			23	0	275	6	2	81		
19	Sat	70	50			24	0	282	6	2	83		
20	Sun	50	50			23	0	275	6	2	83		
21	Mon	60	50		34	23	0	272	6	2	81		
22	Tue	60	30			22	0	267	6	2	84		
23	Wed	80	50			27	0	269	6	2	84		
24	Thu	80	50			24	0	274	6	2	81		
25	Fri	80	50	27	20	22	0	267	6	2	81		
26	Sat	70	50			23	0	266	6	2	83		
27	Sun	60	40			22	0	264	6	2	83		
28	Mon	50	50			23	0	260	6	2	83		
29	Tue	120	60		14	23	0	264	6	2	92		
30	Wed	80	60	14		28	0	264	6	2	82		
31	Thu	300	200	27	54	34	0	263	6	2	78		
AVERAGE		75	57	5	7	25	0	269	6	2	81		
MAXIMUM		300	200	34	54	36	0	282	6	2	92		
MINIMUM		40	30	14	14	20	0	260	4	2	76		
# OF DATA		31	31	6	7	31	31	31	31	31	31		
TOTAL		2320	1780	142	209	766	0	8339	184	70	2496		

Secondary Digester		Date:
Sample Taken by Grab Method		
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	Tue								95				97	2				0					
2	Wed								95				97	19				24			100		
3	Thu								95				97	19				36					
4	Fri								95				97	24				49					
5	Sat								95				97	22				42					
6	Sun								95				97	30				64					
7	Mon		2.91	72.4	6.17	2.00	54.4	6.95	96	1.53	56.2	6.95	96	18	3.56	56.4	7.04	41					
8	Tue								96				97	22				52					
9	Wed								95				97	28				54					
10	Thu								95				97	22				45					
11	Fri								95				97	28				52					
12	Sat								95				97	28				48					
13	Sun								94				97	19				40					
14	Mon		2.35	84.1	6.44	3.11	55.0	6.98	94	2.02	57.4	6.89	97	27	4.12	58.8	6.90	13					32
15	Tue								95				97					0					
16	Wed								95				97	19				17					
17	Thu								95				97	8				15					
18	Fri								95				97	22				53					
19	Sat								95				97	15				34					
20	Sun								95				97	22				40					
21	Mon		2.52	77.6	6.28	1.99	52.4	7.13	95	1.95	53.7	6.93	97	27	4.10	60.6	7.00	9					26
22	Tue								94				96	21				40					
23	Wed								94				96	15				28					
24	Thu								94				97	20				45					
25	Fri								94				97	17				26					
26	Sat								94				97	26				58					
27	Sun								94				97	19				49					
28	Mon		2.51	78.5	6.32	3.15	55.6	7.22	94	1.93	55.3	7.14	96	19	3.80	54.7	7.08	2			11		25
29	Tue								94				97	5				0				11	
30	Wed								94				97	20				40				15	
31	Thu								94				97	40				82	0.94			19	
AVERAGE			2.57	78.2	6.30	2.56	54.4	7.07	95	1.86	55.7	6.98	97	20	3.90	57.6	7.01	35	0.94			5	3
MAXIMUM			2.91	84.1	6.44	3.15	55.6	7.22	96	2.02	57.4	7.14	97	40	4.12	60.6	7.08	82	0.94			100	32
MINIMUM			2.35	72.4	6.17	1.99	52.4	6.95	94	1.53	53.7	6.89	96		3.56	54.7	6.90	0	0.94				
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	4	4	4	31	1	31	31		31
TOTAL			10	313	25	10	217	28	2935	7	223	28	2999	622	16	231	28	1098	1			155	82

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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 :	October 2, 2013	0.009	0.071	<0.005	0.008	0.064		<0.005	0.018	<0.005	<0.005	0.023			
2nd Date :	October 6, 2013							<0.005	0.017	<0.005	<0.005	0.023	<0.005		
3rd Date :	October 8, 2013							<0.005	0.017	<0.005	<0.005	0.036	<0.005		
4th Date :	October 10, 2013							<0.005	0.018	<0.005	<0.005	0.020	<0.005		
5th Date :	October 16, 2013	0.007	0.065	<0.005	0.010	0.072		<0.005	0.021	<0.005	0.007	0.030			
6th Date :	October 30, 2013	0.019	0.077	0.010	0.012	0.095	<0.005	<0.005	0.032	<0.005	0.005	0.030	<0.005		
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.012	0.071	0.005	0.010	0.077		<0.003	0.021	<0.003	0.004	0.027	<0.003		
Maximum		0.019	0.077	0.010	0.012	0.095		<0.005	0.032	<0.005	0.007	0.036	<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	30	20	2504	1669	36	24	3004	2003	2.40	1.60	200	134	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	5.9	3.5	7	6	378	187	14	8	839	267	1.34	0.70	68	23	7.7	7.81	< 0.01	377	14
% of Limit	84%	50%	24%	30%	15%	11%	38%	33%	28%	13%	56%	44%	34%	17%	128%				
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: Oct-13
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

Page 6 of 6
 Permit # IN0025577
 Expires 12-31-2014
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

Total lbs Volatile Solids to Digester 4,144

Overall Percent Removal of Volatile Solids 62.0%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 25,257

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 470

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 51

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 737

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 :	39%	49%	4%
Secondary Treatment :	80%	68%	56%
Adv. Sec. Treatment :	66%	61%	92%
Overall Treatment :	96%	94%	97%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	5.0	1.3	3.5
Secondary Settling Tank	3.6	0.9	2.6
Final Settling Tank	11.4	2.9	8.0
Chlorine Contact Tank	0.79	0.20	0.55
Total Plant Retention Time	20.0	5.1	14.1

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1220	308	437
Secondary Settling Tank	1610	407	577
Final Settling Tank	821	207	294

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	6	8
Secondary Settling Tank	19	5	7
Final Settling Tank	19	5	7

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:

10/7/2013 - Successful test of emergency power system
 10/24/2013 - Successful test of emergency power system

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 is, 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: _____



National Pollutant Discharge Elimination System (NPDES)

CSO Monthly Report of Operation (CSO MRO)

State Form 50546 (R3 / 7-13)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City:	La Porte	Page: 1 of	1	Permit Number:	IN0025577
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Facility:	La Porte Wastewater Treatment Facility	Public Notification Requirements Met?	Y
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Monitoring Period:	October 2013	Check box if no CSO discharge occurred for the month:	X
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Design Peak Inf. Flow(MGD)	9.7	Design Average Flow (M)	7.0	Measured/Metered (M) or Estimated (E) must be specified.
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WWTP Influent Data			Precipitation Data					CSO Outfall No. 002					CSO Outfall No.							
Day of Month	Avg Infl. Flow Rate (MGD)	Peak Infl. Flow Rate (MGD)	Time Precip. began (AM/PM)	Precip. Duration (HOURS)	Total Daily Precip. (inches)	Peak Intensity (Inch/Hr)	Measurement Interval (hr, 30min, 15min)	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1	3.29	5.12			0.01	0.01	HR													
2	2.72	5.07																		
3	4.74	9.91	10:32 AM	0.5	0.35	0.13	HR													
4	4.23	9.95																		
5	4.25	9.96	7:37 PM	0.6	0.42	0.29	HR													
6	6.20	10.02	7:31 AM	0.4	0.28	0.17	HR													
7	3.28	4.91																		
8	3.34	4.75																		
9	2.60	3.07																		
10	2.56	3.12			0.01	0.01	HR													
11	2.64	4.06																		
12	2.58	3.25			0.01	0.00	HR													
13	2.52	3.33																		
14	3.42	4.97			0.01	0.01	HR													
15	3.74	6.61	4:53 PM	0.2	0.13	0.08	HR													
16	2.55	3.11																		
17	2.93	5.48	10:07 AM	0.2	0.13	0.04	HR													
18	2.73	3.95			0.01	0.01	HR													
19	3.95	5.10	12:00 AM	0.0	0.02	0.01	HR													
20	2.55	4.44																		
21	2.75	3.36	12:00 AM	0.0	0.02	0.02	HR													
22	2.57	3.17																		
23	4.22	9.87	6:55 AM	0.5	0.30	0.10	HR													
24	4.03	5.68	12:00 AM	0.1	0.06	0.02	HR													
25	2.54	3.19			0.01	0.01	HR													
26	2.47	3.39																		
27	2.66	4.37																		
28	2.63	4.32																		
29	3.83	5.22																		
30	4.12	10.01	6:43 PM	1.4	1.28	0.71	HR													
31	9.76	10.05	12:00 AM	2.0	1.30	0.19	HR													
Totals:	108.40			5.90	4.35							0.0								

Typed or Printed Name and Title of Principal Executive Officer of Authorized Agent	Telephone
Jerry P Jackson, Superintendent	219-362-2354

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHEMENTS WERE PREPARED UNDER MY DIRECTION OF 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 IS, 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 FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Signature of Principal Executive Officer or Authorized Agent	Date
	11/29/2013