

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: May-11
 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 in MGal/Day	Precip in inches	Collection System Overflow 'X' if occurred	Diversion to CSO Basin At site hours	CSO Basin Overflow in 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	Sun	8.3		0.02		5.8	0.00	7.29	73	154	6.74	7.17	29	38	7.19	7.08	6	14	4.87	7.0			3.7		0.28	10.0	0.19	
2	Mon	6.0				0.6	0.00	7.41	57	42	10.15	7.33	51	40	19.92	7.13	10	19	10.25	5.3			2.7		0.33	7.0	0.18	
3	Tue	4.3					0.00	7.60	80	72	28.46	7.42	55	54	23.13	7.30	7	17	14.71	4.6			2.3		0.61	4.9	0.14	
4	Wed	5.6					0.00	7.33	75	89	23.80	7.25	55	56	17.07	7.24	10	22	12.22	5.7			3.0		0.55	6.7	0.20	
5	Thu	5.8		0.02			0.00	7.42	88	148	14.82	7.36	70	84	19.56	7.29	8	29	11.00	5.1			2.6		0.34	6.8	0.18	
6	Fri	5.4					0.00	7.50	80	132	11.96	7.27	65	68	16.16	7.24	9	26	9.42	5.3			2.6	120	0.47	6.3	0.17	
7	Sat	5.7	5.9	0.28		2.5	0.00	7.34	83	96	10.40	7.22	53	70	13.41	7.11	9	22	8.10	5.5			2.7		0.43	6.8	0.19	
8	Sun	5.9					0.00	7.39	52	52	7.02	7.32	38	52	7.76	7.26	9	22	4.62	5.0			2.6		0.29	7.1	0.21	
9	Mon	4.6					0.00	7.34	99	69	15.72	7.23	70	54	19.05	7.10	10	21	10.97	4.9			2.3		0.58	5.1	0.11	60
10	Tue	4.7					0.00	7.39	82	104	11.81	7.23	62	66	13.06	7.04	9	22	6.80	4.9	60		2.6		0.62	5.3	0.14	
11	Wed	6.3		0.96	X	4.6	0.00	7.30	51	106	6.97	7.20	43	88	9.21	6.96	8	23	5.87	5.1			2.7		0.25	7.4	0.18	
12	Thu	9.4		0.03		17.4	0.00	7.13	32	42	4.39	6.99	34	58	4.81	6.82	8	23	2.76	7.3			3.8		0.18	11.2	0.20	
13	Fri	9.8		0.12		21.0	0.00	7.14	41	62	7.63	7.03	37	79	7.17	6.91	8	32	4.89	7.3			3.8		0.13	11.6	0.18	
14	Sat	9.9	7.2	1.10		23.7	0.00	7.03	39	44	5.42	6.97	54	56	6.14	6.92	8	25	3.33	7.3			3.8		0.12	11.7	0.18	
15	Sun	9.9		0.74		23.5	0.00	7.07	22	32	3.20	7.00	26	46	4.90	6.86	9	20	2.56	7.2			3.8		0.12	11.7	0.19	
16	Mon	9.9				22.9	0.00	7.16	30	43	5.74	7.14	34	60	8.41	7.11	8	72	5.64	7.2			3.7		0.11	11.7	0.19	
17	Tue	9.8		0.02		21.5	0.00	7.47	52	34	6.65	7.39	39	46	11.73	7.24	10	32	6.93	7.2			3.8		0.11	11.6	0.19	
18	Wed	7.8		0.02		7.5	0.00	7.33	476	42	10.68	7.23	47	56	14.16	7.09	12	29	9.12	6.7			3.5		0.31	9.3	0.19	
19	Thu	5.9		0.12		1.5	0.00	7.35	50	82	12.16	7.18	43	50	16.07	7.01	6	23	8.81	5.0			2.9		0.34	7.0	0.19	
20	Fri	6.6				4.4	0.00	7.29	67	76	10.70	7.19	58	60	13.29	7.04	19	28	8.67	5.2			2.6		0.17	8.0	0.20	
21	Sat	5.9	8.0	0.16		1.7	0.00	7.54	70	62	11.39	7.24	48	52	12.58	6.96	11	23	7.42	4.9			2.5		0.25	6.8	0.16	
22	Sun	6.6		0.26		7.1	0.00	7.23	47	46	8.40	7.06	49	56	9.73	7.01	8	33	5.39	5.5			2.7		0.23	7.8	0.19	
23	Mon	7.1				2.9	0.00	7.54	93	29	15.42	7.26	43	54	13.99	7.03	5	21	8.39	6.2			3.4		0.36	8.6	0.21	
24	Tue	5.7				3.7	0.00	7.39	104	178	31.86	7.25	58	50	16.40	7.08	11	28	11.08	5.1			2.6		0.37	6.7	0.18	
25	Wed	7.7		1.98	X	14.6	0.00	7.22	36	105	5.25	7.15	37	90	9.35	7.07	13	46	6.18	6.2			3.2		0.23	9.0	0.18	
26	Thu	9.7		0.41	X	22.8	0.00	7.27	27	28	5.69	6.99	33	50	7.73	7.09	6	29	4.12	7.2			3.8		0.12	11.6	0.20	
27	Fri	9.8				23.4	0.00	7.26	27	32	5.17	7.15	29	41	6.24	7.00	9	29	3.14	7.1			3.8		0.11	11.7	0.20	
28	Sat	9.8	8.1	0.77		23.4	0.00	7.00	30	36	5.11	6.97	28	38	6.13	6.93	8	31	2.89	7.1			3.8		0.10	11.8	0.20	
29	Sun	9.9		0.20		22.2	0.00	6.84	26	30	4.14	6.78	25	44	4.90	6.67	7	31	1.94	7.0			3.7		0.09	11.7	0.18	
30	Mon	9.9				23.6	0.00	6.82	28	18	5.71	6.86	28	32	5.98	6.77	7	22	2.34	7.0			3.7		0.08	11.8	0.19	
31	Tue	9.9				23.5	0.00	7.12	41	34	9.72	7.08	36	30	9.88	6.86	9	26	4.20	6.9			3.7		0.08	11.8	0.20	
AVERAGE		7.5		0.23		10.5	0.00	7.27	70	68	10.40	7.16	44	55	11.46	7.04	9	27	6.73	6.1	2		3.2	4	0.27	8.9	0.18	2
MAXIMUM		9.9	8.1	1.98		23.7	0.00	7.60	476	178	31.86	7.42	70	90	23.13	7.30	19	72	14.71	7.3	60		3.8	120	0.62	11.8	0.21	60
MINIMUM		4.3		0.02		0.0	0.00	6.82	22	18	3.20	6.78	25	30	4.81	6.67	5	14	1.94	4.6	60		2.3	120	0.10	4.9	0.11	60
# OF DATA		31		17		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1		31	1		31		1
TOTAL		233		7.21	3	326	0	226	2157	2119	322	222	1378	1718	355	218	274	840	209	189	60		98	120		277		60

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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	Sun	7.6	7.04	6.95	< 2		70		6		418		0.13		9		8.3		1.44	17	< 0.01
2	Mon	5.4	7.15	7.03	3		169		6		298		0.59		29		8.8		1.54	5	< 0.01
3	Tue	3.9	7.26	7.13	< 2		36		5		161		0.41		15		9.5		1.70	0	< 0.01
4	Wed	5.0	7.20	7.03	2		112		12		559		0.73		34		9.5		1.69	5	< 0.01
5	Thu	5.3	7.33	7.14	3		164		14		650		0.24		12		9.4		2.00	1300	< 0.01
6	Fri	4.9	7.33	7.11	2		104		8		360		0.16		7		9.5		1.34	12	< 0.01
7	Sat	5.1	7.31	7.07	3	2	133	112	10	9	474	417	0.15	0.34	7	16	9.3		1.72	8	< 0.01
8	Sun	5.4	7.61	7.05	3		128		13		639		0.07		3		9.4		1.47	13	< 0.01
9	Mon	4.1	7.24	7.07	3		99		4		153		0.10		4		9.1		1.61	2	< 0.01
10	Tue	4.3	7.25	7.13	< 2		39		12		447		0.11		4		9.1		1.47	1	< 0.01
11	Wed	5.7	7.23	6.94	4		189		14		736		0.11		6		8.7		1.54	28	< 0.01
12	Thu	8.5	6.98	6.83	3		251		18		1371		0.14		11		8.4		1.46	31	< 0.01
13	Fri	8.7	7.13	6.87	3		220		20		1629		0.30		24		8.3		1.49	14	< 0.01
14	Sat	8.9	6.95	6.62	3	3	255	169	10	13	822	828	0.27	0.16	22	11	8.7		1.49	26	< 0.01
15	Sun	9.0	6.73	6.59	3		230		12		945		0.12		10		9.8		1.53	34	< 0.01
16	Mon	8.8	7.03	6.78	3		280		18		1482		0.71		58		9.8		1.48	33	< 0.01
17	Tue	8.8	7.17	6.90	3		237		10		817		0.59		48		9.3		1.57	20	< 0.01
18	Wed	7.2	7.02	6.98	4		241		17		1108		0.64		42		9.2		1.51	10	< 0.01
19	Thu	5.5	7.02	6.94	3		142		10		489		0.29		14		9.1		1.39	63	< 0.01
20	Fri	6.1	7.26	6.90	6		305		13		721		0.25		14		8.9		1.62	10	< 0.01
21	Sat	5.4	7.17	6.84	< 2	3	49	212	9	13	442	858	0.10	0.39	5	27	8.9		1.39	9	< 0.01
22	Sun	6.1	7.08	6.74	4		237		25		1378		0.21		12		8.8		1.49	2	< 0.01
23	Mon	6.5	7.02	6.81	3		202		10		594		0.57		34		8.6		1.29	17	< 0.01
24	Tue	5.1	7.27	6.93	< 2		47		7		330		0.83		39		8.4		1.16	6	< 0.01
25	Wed	7.0	7.10	6.54	< 2		64		25		1595		0.46		29		8.5		1.57	60	< 0.01
26	Thu	10.0	6.69	6.30	3		243		18		1461		0.34		28		8.8		1.47	17	< 0.01
27	Fri	9.8	7.07	6.61	4		286		19		1551		0.27		22		9.3		1.58	30	< 0.01
28	Sat	9.0	6.96	6.72	3	3	271	193	20	18	1642	1222	0.23	0.42	19	26	9.3		1.47	29	< 0.01
29	Sun	9.0	6.78	6.54	3		206		17		1401		0.14		12		9.1		1.37	26	< 0.01
30	Mon	9.0	6.82	6.53	2		182		15		1239		0.12		10		8.8		1.45	46	< 0.01
31	Tue	8.9	6.96	6.76	4		329		14		1150		0.36		30		8.3		1.54	22	< 0.01
AVERAGE		6.9			3		178		13		873		0.31		20		9.0		1.51	15	< 0.01
MAXIMUM		10.0	7.61		6	3	329	212	25	18	1642	1222	0.83	0.42	58	27	9.8		2.00	1300	< 0.01
MINIMUM		3.9		6.30	<2		36		4		153		0.07		3		8.3		1.16	0	< 0.01
# OF DATA		31	31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		214	220	212	86		5517		409		27063		10		613		278.9		46.84	1896	< 0.01

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LaPorte Wastewater Treatment Plant
2101 Boyd Boulevard
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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	Sun	210	160			27	0	315	6	2	98		
2	Mon	150	110			22	0	309	6	2	95		
3	Tue	120	70			21	0	290	6	2	119		
4	Wed	160	100			23	7	279	6	2	89		
5	Thu	100	90			22	0	272	6	2	84		
6	Fri	130	90			24	0	265	6	2	88		
7	Sat	130	130			31	0	264	6	2	87		
8	Sun	170	100			33	0	266	6	2	96		
9	Mon	100	60	27	34	28	0	266	6	2	103		
10	Tue	130	80			25	0	274	6	2	112		
11	Wed	160	100			27	0	279	6	2	108		
12	Thu	250	180			36	0	293	6	2	95		
13	Fri	250	190			32	0	297	6	2	95		
14	Sat	220	190			33	0	298	6	2	107		
15	Sun	210	180			39	0	295	6	2	107		
16	Mon	170	200	27	54	32	0	292	6	2	98		
17	Tue	190	160			37	0	289	6	2	100		
18	Wed	160	140			34	16	279	6	2	103		
19	Thu	140	100	27	41	32	0	276	6	2	92		
20	Fri	170	120		20	28	0	273	6	2	94		
21	Sat	150	110			31	0	269	6	1	58		
22	Sun	150	110			33	0	266	6	1	51		
23	Mon	170	120			34	0	267	6	1	50		
24	Tue	120	130			33	0	268	6	1	52		
25	Wed	160	150			40	0	272	6	1	56		
26	Thu	240	230	27		37	7	275	6	1	60		
27	Fri	220	210	20	27	28	0	276	6	1	65		
28	Sat	200	180			31	0	277	6	1	53		
29	Sun	220	190			31	0	278	6	1	52		
30	Mon	260	190		20	27	0	279	6	1	52		
31	Tue	200	180			27	0	285	6	1	46		
AVERAGE		175	140	4	6	30	1	280	6	2	83		
MAXIMUM		260	230	27	54	40	16	315	6	2	119		
MINIMUM		100	60	20	20	21	0	264	6	1	46		
# OF DATA		31	31	5	6	31	31	31	31	31	31		
TOTAL		5410	4350	128	196	939	29	8683	186	58	2568		

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	Sun								96				96	15				48					
2	Mon		5.16	68.1	6.43	1.55	55.5	6.73	96	2.01	56.2	6.89	96	25	4.70	59.2	7.00	24			130		27
3	Tue								96				96	5				6	0.04		155		
4	Wed								96				96	15				33			155		
5	Thu								96				96	9				24			135		
6	Fri								96				96	18				45			135		
7	Sat								96				96	16				52			135		
8	Sun								96				96	15				52	0.09		135		
9	Mon		3.88	71.1	6.09	2.52	56.4	6.80	96	1.76	57.8	7.05	96	32	4.61	59.2	7.05	26			168		35
10	Tue								96				96	5				12			169		
11	Wed								96				96	21				12			25		27
12	Thu								96				96	11				20			25		
13	Fri								96				96	17				57					
14	Sat								96				96	18				56					
15	Sun								96				96	26				78					
16	Mon		2.70	67.5	6.43	3.04	58.3	6.87	96	1.87	55.9	7.03	96	26	4.38	59.8	7.03	23					24
17	Tue								96				96	14				35	0.02				
18	Wed								96				96	41				93					
19	Thu								96				96	17				51					
20	Fri								96				96	11				34					
21	Sat								96				96	21				58	0.13				
22	Sun								96				96	19				62					
23	Mon		3.55	71.8	6.52	2.66	59.0	6.70	96	1.96	56.8	6.94	96	27	4.28	58.5	6.98	27					26
24	Tue								96				96	12				33					
25	Wed								96				96	29				86					
26	Thu								96				96	32				86					
27	Fri								96				96	14				50	0.19				
28	Sat								96				96	21				69					
29	Sun								97				96	20				64					
30	Mon		4.02	64.0	6.27	1.67	56.9	6.67	96	2.01	57.5	6.74	96	27	5.13	57.3	6.91	27			19		28
31	Tue								96				96	10				19			18		
AVERAGE			3.86	68.5	6.35	2.29	57.2	6.75	96	1.92	56.8	6.93	96	19	4.62	58.8	6.99	44	0.09		50		5
MAXIMUM			5.16	71.8	6.52	3.04	59.0	6.87	97	2.01	57.8	7.05	96	41	5.13	59.8	7.05	93	0.19		169		35
MINIMUM			2.70	64.0	6.09	1.55	55.5	6.67	96	1.76	55.9	6.74	96	5	4.28	57.3	6.91	6	0.02				
# OF DATA			5	5	5	5	5	5	31	5	5	5	31	31	5	5	5	31	5	31	31		31
TOTAL			19	343	32	11	286	34	2979	10	284	35	2975	591	23	294	35	1363	0		1561		168

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 5 of 6

Date: May-11

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

Permit # IN0025577

Expires 12-31-2014

Certified Operator : Jerry P Jackson

Certification Number : 11496

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:	May 4th, 2011	0.0	0.045	<0.005	0.026	0.068		<0.005	0.024	<0.005	0.008	0.024			
2nd Date:	May 18th, 2011	<0.005	0.029	<0.005	<0.005	0.029	<0.005	<0.005	0.023	<0.005	<0.005	0.019	<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		0.0	0.037	<0.003	0.014	0.049	<0.003	<0.003	0.024	<0.003	0.005	0.022	<0.003		
Maximum		0.0	0.045	<0.005	0.026	0.068	<0.005	<0.005	0.024	<0.005	0.008	0.024	<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 (Colonies /100mL)	Mnthly Av Escherichia Coliform (Colonies /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	8.1	7.5	3	3	212	178	18	13	1222	873	0.42	0.31	27	20	8.3	7.61	< 0.01	1300	15
Total				0		0		0		0		0		0	0	0	0		0

*Dissolved Oxygen value is minimum daily average

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: May-11
 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
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Total lbs Volatile Solids to Digester 6,681

Overall Percent Removal of Volatile Solids 34.4%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 25,682

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 577

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 73

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,160

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

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 4

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 4

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	36%	19%	-10%
Secondary Treatment :	80%	51%	41%
Adv. Sec. Treatment :	69%	51%	95%
Overall Treatment :	96%	81%	97%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	2.9	1.2	1.6
Secondary Settling Tank	2.1	0.9	1.2
Final Settling Tank	6.6	2.8	3.7
Chlorine Contact Tank	0.45	0.20	0.26
Total Plant Retention Time	11.5	5.0	6.5

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1238	535	941
Secondary Settling Tank	1635	707	1242
Final Settling Tank	833	360	633

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	10	18
Secondary Settling Tank	20	8	15
Final Settling Tank	19	8	14

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:

May 9, 23 - Successful test of emergency power system

May 29 - On emergency power for 5.7 hours during utility power failure.

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 DISCHARGE MONITORING REPORT (CSO DMR)**

STATE FORM 50546 (9-01)

City: La Porte	Page:	1 of	1	
Facility: La Porte Wastewater Treatment Facility		Permit Number: IN0025577		
Monitoring Period: (MM/DD/YY to MM/DD/YY)		05/01/2011	05/31/2011	Check box if no CSO discharge occurred for the month: X

Design Peak Inf. Flow(MGD)		9.7	Measured/Metered (M) or Estimated (E) must be specified.(Please attach methods used.)																				
					CSO Outfall No. 002										CSO Outfall No.								
Day of Month	Day of Week	Precip. in Inches	Avg Infl. Flow Rate (MGD)	Peak Infl. Flow Rate (MGD)	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	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1	Sun	0.02	8.35	10.19																			
2	Mon		5.96	9.56																			
3	Tue		4.28	4.88																			
4	Wed		5.59	8.28																			
5	Thu	0.02	5.78	7.54																			
6	Fri		5.40	8.16																			
7	Sat	0.28	5.69	9.70																			
8	Sun		5.89	7.77																			
9	Mon		4.57	7.86																			
10	Tue		4.66	7.86																			
11	Wed	0.96	6.30	9.96																			
12	Thu	0.03	9.39	10.16																			
13	Fri	0.12	9.77	10.16																			
14	Sat	1.10	9.85	10.21																			
15	Sun	0.74	9.86	10.20																			
16	Mon		9.87	10.22																			
17	Tue	0.02	9.80	10.22																			
18	Wed	0.02	7.81	10.19																			
19	Thu	0.12	5.87	10.16																			
20	Fri		6.65	10.04																			
21	Sat	0.16	5.89	10.24																			
22	Sun	0.26	6.61	10.24																			
23	Mon		7.12	10.12																			
24	Tue		5.66	10.16																			
25	Wed	1.98	7.65	10.22																			
26	Thu	0.41	9.73	10.14																			
27	Fri		9.79	10.21																			
28	Sat	0.77	9.84	10.19																			
29	Sun	0.20	9.88	10.19																			
30	Mon		9.91	10.20																			
31	Tue		9.85	10.19																			
Totals:		7.21	n/a	n/a	n/a		0.0		0.00														

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
		09/19/2011