

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Apr-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	Mon	2.7					0.00	7.89	175	178	24.99	7.59	100	56	25.51	7.44	13	9	18.97	4.6		2.1		1.45	5.1	0.88	
2	Tue	2.7					0.00	7.76	170	196	21.66	7.53	115	72	28.55	7.48	16	20	18.60	4.5		2.2		1.49	5.1	0.87	
3	Wed	2.5					0.00	7.65	235	211	23.13	7.51	108	58	24.84	7.41	10	13	14.86	4.7		2.3		1.76	4.7	0.87	
4	Thu	2.8					0.00	7.69	180	164	21.22	7.52	92	66	24.50	7.40	9	17	18.70	4.7		2.3		1.48	4.8	0.70	
5	Fri	2.7					0.00	7.74	180	592	22.72	7.49	130	80	26.08	7.47	13	20	20.66	4.6		1.9		1.44	5.1	0.88	
6	Sat	2.8	2.7				0.00	7.63	285	152	25.07	7.45	155	90	21.38	7.37	25	24	16.80	4.6		1.8		1.26	5.3	0.88	
7	Sun	2.9					0.00	7.65	180	168	24.06	7.51	145	74	25.15	7.37	18	20	17.70	4.6		1.8		1.23	5.1	0.79	
8	Mon	4.3		0.20		1.6	0.00	7.66	235	306	34.49	7.40	135	118	42.75	7.24	25	26	29.27	5.0		2.2		0.66	6.6	0.54	
9	Tue	2.5					0.00	7.65	195	112	40.84	7.42	123	66	36.84	7.29	16	10	20.72	4.7		2.3		1.78	4.8	0.90	
10	Wed	2.5		0.23			0.00	7.58	215	133	29.44	7.42	138	68	38.03	7.30	16	13	27.83	4.6		2.3		1.78	4.6	0.85	
11	Thu	9.6		1.33		18.1	0.00	7.40	48	110	5.50	7.30	53	106	8.04	7.42	19	28	15.92	7.2		3.7		0.14	13.0	0.36	
12	Fri	9.1		0.06		2.8	0.00	7.46	50	34	6.09	7.32	46	37	8.15	7.16	11	14	5.89	7.3		3.8		0.22	12.7	0.39	
13	Sat	4.5	5.1	0.02			0.00	7.72	106	64	26.91	7.64	63	40	28.96	7.60	12	13	21.44	4.7		1.8		0.46	6.7	0.48	
14	Sun	2.9					0.00	7.70	127	84	16.01	7.66	68	50	15.02	7.61	8	15	10.48	4.6		1.7		1.20	4.7	0.64	
15	Mon	4.2		1.05		5.4	0.00	7.56	108	125	13.33	7.43	68	72	14.34	7.29	11	21	14.50	5.2		2.5		0.82	6.6	0.56	
16	Tue	9.6		0.43		13.8	0.00	7.23	29	32	5.66	7.15	29	52	7.47	7.00	9	18	5.26	7.3		3.7		0.14	13.1	0.37	
17	Wed	8.6		1.07		6.2	0.00	7.50	37	118	12.07	7.46	38	86	16.58	7.41	11	29	13.63	7.0		3.3		0.20	12.2	0.41	
18	Thu	9.8		1.23		23.4	0.00	7.08	30	84	2.43	7.06	29	74	8.57	6.83	10	23	5.60	7.2		3.6		0.11	13.3	0.35	
19	Fri	9.7		0.06		20.2	0.00	7.20	36	34	6.33	7.16	39	60	5.83	7.04	8	26	4.66	7.2		3.7		0.13	13.2	0.37	
20	Sat	8.3	7.6			1.2	0.00	7.48	62	36	22.07	7.36	46	34	20.48	7.18	11	15	15.26	7.2		2.6		0.19	12.4	0.50	
21	Sun	7.3					0.00	7.62	41	52	10.87	7.58	41	50	12.45	7.42	8	29	10.32	7.2		2.1		0.27	11.0	0.50	
22	Mon	6.5					0.00	7.32	47	32	9.68	7.25	49	34	10.31	7.06	10	16	10.47	6.2		2.2		0.30	9.4	0.45	
23	Tue	6.5		0.53		6.0	0.00	7.38	77	102	24.26	7.25	49	56	33.80	7.09	12	21	22.05	5.6		2.6		0.25	9.4	0.44	
24	Wed	6.5		0.03		0.1	0.00	7.41	41	43	15.50	7.35	46	46	15.24	7.21	10	20	11.15	5.9		3.0		0.38	9.8	0.52	
25	Thu	4.8					0.00	7.61	78	66	22.53	7.38	61	44	19.64	7.22	11	18	15.99	4.6		2.3		0.43	7.5	0.55	
26	Fri	3.2					0.00	7.46	150	92	20.14	7.32	112	77	23.89	7.18	11	23	17.67	4.6		1.9	100	1.02	4.9	0.52	
27	Sat	3.7	5.5				0.00	7.42	235	228	21.44	7.31	80	60	18.75	7.18	12	22	12.13	4.6		1.8		0.70	5.8	0.55	
28	Sun	5.2		0.06			0.00	7.38	103	56	16.98	7.29	60	46	10.72	7.14	13	18	7.86	4.6		1.8		0.23	8.0	0.54	
29	Mon	3.5		0.02			0.00	7.41	100	98	24.61	7.29	74	72	24.81	7.06	8	22	15.66	4.6		2.1		0.91	5.3	0.50	
30	Tue	3.3					0.00	7.55	160	114	26.80	7.50	90	84	29.91	7.40	16	16	19.05	4.6	60	2.3		1.07	5.0	0.50	
AVERAGE		5.2		0.21		3.3	0.00	7.53	124	127	19.23	7.40	79	64	20.89	7.27	13	19	15.30	5.5	2	2.5	3	0.78	7.8	0.59	
MAXIMUM		9.8	7.6	1.33		23.4	0.00	7.89	285	592	40.84	7.66	155	118	42.75	7.61	25	29	29.27	7.3	60	3.8	100	1.78	13.3	0.90	
MINIMUM		2.5		0.02		0.0	0.00	7.08	29	32	2.43	7.06	29	34	5.83	6.83	8	9	4.66	4.5	60	1.7	100	0.11	4.6	0.35	
# OF DATA		30		14		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1	30	1		30		
TOTAL		155		6.32		99	0	226	3715	3816	577	222	2378	1928	627	218	378	578	459	164	60	74	100		235		

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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	Mon	2.4	7.37	7.18	3		70		3		68		0.14		3		10.9		1.06	1	< 0.01
2	Tue	2.4	7.53	7.30	4		81		11		237		0.20		5		10.5		1.39	0	< 0.01
3	Wed	2.3	7.48	7.27	4		90		2		42		0.11		2		10.5		1.35	1	< 0.01
4	Thu	2.5	7.52	7.28	3		73		7		152		0.15		4		10.5		1.37	0	< 0.01
5	Fri	2.4	7.49	7.23	3		59		9		203		0.13		3		10.4		1.22	2	< 0.01
6	Sat	2.4	7.38	7.27	4	4	99	80	10	6	235	142	0.10	0.13	2	3	10.4		2.44	1	< 0.01
7	Sun	2.4	7.39	7.25	4		95		10		226		0.10		2		10.4		2.22	1	< 0.01
8	Mon	3.7	7.29	7.04	6		222		16		573		0.29		10		10.2		1.10	29	< 0.01
9	Tue	2.1	7.34	7.14	6		115		4		84		0.07		1		10.1		1.14	39	< 0.01
10	Wed	2.1	7.33	7.13	5		104		8		167		0.09		2		10.1		1.12	0	< 0.01
11	Thu	8.4	7.28	6.89	9		680		17		1320		0.37		30		10.9		1.17	68	< 0.01
12	Fri	8.0	6.97	6.88	7		502		6		456		0.10		8		11.7		1.22	18	< 0.01
13	Sat	4.1	7.88	6.96	4	6	158	268	3	9	113	420	0.41	0.20	15	10	11.7		1.26	7	< 0.01
14	Sun	2.6	7.95	7.05	5		120		10		241		0.08		2		10.6		0.97	2	< 0.01
15	Mon	3.6	7.40	7.15	6		193		11		385		0.65		23		10.3		1.17	3	< 0.01
16	Tue	8.4	6.98	6.73	5		384		12		921		0.48		38		10.6		1.17	4	< 0.01
17	Wed	7.6	7.56	6.88	5		360		18		1296		0.69		50		10.7		1.19	3	< 0.01
18	Thu	9.9	6.85	6.57	6		459		18		1434		0.15		12		10.6		1.29	13	< 0.01
19	Fri	9.5	6.98	6.53	4		347		17		1370		0.14		11		10.4		1.23	6	< 0.01
20	Sat	7.4	7.08	6.81	5	5	324	312	8	13	551	885	0.99	0.45	68	29	11.0		1.27	10	< 0.01
21	Sun	6.5	7.48	6.76	6		354		15		916		0.32		20		10.9		1.15	11	< 0.01
22	Mon	5.8	7.05	6.92	4		233		8		434		0.29		16		10.0		1.22	2	< 0.01
23	Tue	5.7	7.15	6.98	3		174		9		489		0.73		40		10.1		1.18	2	< 0.01
24	Wed	5.8	7.30	6.84	5		253		10		539		0.16		9		10.4		1.16	31	< 0.01
25	Thu	4.3	7.18	6.96	5		214		6		242		0.20		8		10.2		1.17	7	< 0.01
26	Fri	2.8	7.26	7.12	4		118		10		269		0.22		6		9.9		1.21	2	< 0.01
27	Sat	3.3	7.38	7.23	3	4	90	205	11	10	343	462	0.11	0.29	3	14	10.4		1.27	1	< 0.01
28	Sun	4.6	7.40	7.08	4		161		9		392		0.15		7		9.6		1.27	9	< 0.01
29	Mon	3.1	7.17	6.97	2		67		10		293		0.22		6		9.6		1.20	6	< 0.01
30	Tue	2.9	7.56	7.10	5		131		7		195		0.40		11		9.5		1.17	0	< 0.01
AVERAGE		4.6			5		211		10		473		0.27		14		10.4		1.28	4	< 0.01
MAXIMUM		9.9	7.95		9	6	680	312	18	13	1434	885	0.99	0.45	68	29	11.7		2.44	68	< 0.01
MINIMUM		2.1		6.53	2		59		2		42		0.07		1		9.5		0.97	0	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		139	220	211	137		6331		292		14185		8		417		313.1		38.35	279	< 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	Mon	80	40			21	0	253	6	2	78		
2	Tue	60	40			21	0	253	6	2	77		
3	Wed	70	80			27	0	263	6	2	77		
4	Thu	80	40			28	0	274	6	2	77		
5	Fri	70	50			27	0	275	6	2	77		
6	Sat	80	50			25	0	276	6	2	77		
7	Sun	200	50			26	0	274	6	2	77		
8	Mon	10	40		34	30	0	274	6	2	76		
9	Tue	110	60			41	0	265	6	2	75		
10	Wed	210	60			32	0	262	6	2	76		
11	Thu	180	130	27	41	45	0	264	6	2	77		
12	Fri	110	130			27	0	264	6	2	77		
13	Sat	60	70			27	0	267	6	2	78		
14	Sun	24	50			24	0	259	6	2	89		
15	Mon	246	50			27	0	254	6	2	78		
16	Tue	150	140	27		40	0	256	6	2	79		
17	Wed	20	120	27		31	0	263	6	2	83		
18	Thu	240	160			38	0	267	6	2	96		
19	Fri	230	160			28	0	271	6	2	80		
20	Sat	190	140			25	0	276	6	2	80		
21	Sun	170	100			25	0	275	6	2	79		
22	Mon	150	100		34	26	0	274	6	2	87		
23	Tue	140	90			31	0	275	6	2	85		
24	Wed	160	90			32	0	268	6	2	82		
25	Thu	120	70			26	0	268	6	2	85		
26	Fri	80	40			27	0	260	6	2	85		
27	Sat	80	50			32	0	258	6	2	91		
28	Sun	130	110			29	0	257	6	2	87		
29	Mon	90	10	27		32	0	252	6	2	83		
30	Tue	80	60			27	0	249	6	2	82		
AVERAGE		121	79	4	4	29	0	265	6	2	81		
MAXIMUM		246	160	27	41	45	0	276	6	2	96		
MINIMUM		10	10	27	34	21	0	249	6	2	75		
# OF DATA		30	30	4	3	30	30	30	30	30	30		
TOTAL		3620	2380	108	108	874	0	7949	180	68	2430		

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		
<b>% Total Solids</b>		

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	Mon		3.26	76.2	6.25	1.63	56.3	7.16	95	1.50	62.7	7.04	96	27	4.32	60.4	7.05	10			223	0.0	23
2	Tue								95				96	16				40			222		
3	Wed								95				96	19				55			222	0.0	
4	Thu								95				96	18				47	0.27		221		
5	Fri								95				96	23				52			220	0.0	
6	Sat								95				96	17				40			220	0.0	
7	Sun								95				96	17				43	0.59		219		
8	Mon		3.26	78.2	6.45	1.27	58.6	7.11	95	1.74	62.0	7.06	96	30	4.43	58.5	7.07	15			251		31
9	Tue								95				96	22				49	0.23		221	27.6	
10	Wed								95				96	46				44			59	6.2	45
11	Thu								95				96	14				11	0.07		65		
12	Fri								95				96	21				64			66		
13	Sat								94				97	18				56			66		
14	Sun								94				97	17				51			66		
15	Mon		3.47	75.0	6.04	1.68	61.9	7.07	94	1.54	58.8	7.08	97	23	3.81	59.3	7.43	63	0.28		69		
16	Tue								95				97	34				84	0.27		69		
17	Wed								95				97	24				62			74		
18	Thu								95				97	33				86			78		
19	Fri								95				97	21				51			78		
20	Sat								95				97	19				47	0.22		78		
21	Sun								95				97	17				45	0.50		77		
22	Mon		4.09	65.6	6.76	1.28	46.0	7.10	95	1.69	51.4	7.05	97	31	4.10	59.5	7.08	15					31
23	Tue								95				97	13				22					
24	Wed								95				97	22				63					
25	Thu								95				97	16				46					
26	Fri								95				97	17				51	0.19				
27	Sat								95				97	20				50	0.26				
28	Sun								95				97	20				44	0.56				
29	Mon		3.55	70.2	6.77	1.60	62.9	7.13	95	1.93	61.6	7.07	97	22	4.41	57.8	7.06	53	0.31				
30	Tue								95				97	32				77	1.50				
AVERAGE			3.53	73.0	6.45	1.49	57.1	7.11	95	1.68	59.3	7.06	97	22	4.21	59.1	7.14	48	0.40		95	1.1	4
MAXIMUM			4.09	78.2	6.77	1.68	62.9	7.16	95	1.93	62.7	7.08	97	46	4.43	60.4	7.43	86	1.50		251	27.6	45
MINIMUM			3.26	65.6	6.04	1.27	46.0	7.07	94	1.50	51.4	7.04	96	13	3.81	57.8	7.05	10	0.07				
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	13	30	30	30	30
TOTAL			18	365	32	7	286	36	2848	8	297	35	2903	669	21	296	36	1435	5		2864	34	130

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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 :	April 3rd	0.014	0.081	<0.005	0.011	0.130	<0.005	<0.005	0.019	<0.005	<0.005	0.021	<0.005		
2nd Date :	April 14th							<0.005	0.020	<0.005	<0.005	0.020	<0.005		
3rd Date :	April 16th	<0.005	0.024	<0.005	<0.005	0.033	<0.005	<0.005	0.022	<0.005	<0.005	0.021	<0.005		
4th Date :	April 18th							<0.005	0.024	<0.005	<0.005	0.027	<0.005		
5th Date :															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.008	0.053	<0.003	0.007	0.082	<0.003	<0.003	0.021	<0.003	<0.003	0.022	<0.003		
Maximum		0.014	0.081	<0.005	0.011	0.130	<0.005	<0.005	0.024	<0.005	<0.005	0.027	<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	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	7.6	5.2	6	5	312	211	13	10	885	473	0.45	0.27	29	14	9.5	7.95	< 0.01	68	4
% of Limit	108%	74%	14%	18%	9%	10%	30%	32%	24%	19%	17%	15%	13%	9%	158%				
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: Apr-13  
 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 6,257

Overall Percent Removal of Volatile Solids 46.7%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 31,463

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 517

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 56

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,018

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 38

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%	49%	-9%
Secondary Treatment :	84%	70%	27%
Adv. Sec. Treatment :	64%	49%	98%
Overall Treatment :	96%	92%	99%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.9	1.2	2.4
Secondary Settling Tank	3.6	0.9	1.7
Final Settling Tank	11.2	2.9	5.4
Chlorine Contact Tank	0.78	0.20	0.37
Total Plant Retention Time	19.7	5.0	9.5

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	1228	313	647
Secondary Settling Tank	1621	413	855
Final Settling Tank	826	210	436

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	24	6	13
Secondary Settling Tank	19	5	10
Final Settling Tank	19	5	10

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:

April 1-30 - Primary Digester #1 out of service

April 8, 19, 22 - Successful test of emergency electrical 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, 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: <b>La Porte</b>	Page: 1 of <b>1</b>
Facility: <b>La Porte Wastewater Treatment Facility</b>	Permit Number: <b>IN0025577</b>
Monitoring Period: (MM/DD/YY to MM/DD/YY) 04/01/2013 04/30/2013	Check box if no CSO discharge occurred for the month: <input type="checkbox"/>

Design Peak Inf. Flow(MGD)		Measured/Metered (M) or Estimated (E) must be specified.(Please attach methods used.)																					
<b>9.7</b>		CSO Outfall No. <b>002</b>						CSO Outfall No.						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	Mon		2.71	4.64	0:00		0.0	M															
2	Tue		2.71	4.81	0:00		0.0	M															
3	Wed		2.52	4.81	0:00		0.0	M															
4	Thu		2.81	3.98	0:00		0.0	M															
5	Fri		2.70	4.87	0:00		0.0	M															
6	Sat		2.82	5.13	0:00		0.0	M															
7	Sun		2.85	5.27	0:00		0.0	M															
8	Mon	0.20	4.29	9.75	0:00		0.0	M															
9	Tue		2.51	3.03	0:00		0.0	M															
10	Wed	0.23	2.50	3.28	0:00		0.0	M															
11	Thu	1.33	9.59	10.18	0:00		0.0	M															
12	Fri	0.06	9.11	10.10	0:00		0.0	M															
13	Sat	0.02	4.51	8.70	0:00		0.0	M															
14	Sun		2.89	4.51	0:00		0.0	M															
15	Mon	1.05	4.20	10.05	0:00		0.0	M															
16	Tue	0.43	9.60	10.15	0:00		0.0	M															
17	Wed	1.07	8.63	10.05	0:00		0.0	M															
18	Thu	1.23	9.82	10.16	0:00		0.0	M															
19	Fri	0.06	9.66	10.18	0:00		0.0	M															
20	Sat		8.25	10.06	0:00		0.0	M															
21	Sun		7.32	9.74	0:00		0.0	M															
22	Mon		6.51	7.11	0:00		0.0	M															
23	Tue	0.53	6.52	10.07	0:00		0.0	M															
24	Wed	0.03	6.46	10.02	0:00		0.0	M															
25	Thu		4.84	6.47	0:00		0.0	M															
26	Fri		3.22	3.84	0:00		0.0	M															
27	Sat		3.73	5.29	0:00		0.0	M															
28	Sun	0.06	5.22	6.36	0:00		0.0	M															
29	Mon	0.02	3.51	5.48	0:00		0.0	M															
30	Tue		3.35	5.08	0:00		0.0	M															
31																							
<b>Totals:</b>		<b>6.32</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>		<b>1.0</b>		<b>0.00</b>														

Typed or Printed Name and Title of Principal Executive Officer of Authorized Agent <b>Jerry P Jackson, Superintendent</b>		Telephone <b>219-362-2354</b>
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 <b>05/25/2013</b>