

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Apr-2007  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

Page 1 of 6  
 Permit # IN0025577  
 Expires 10-31-2009  
 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	5.3				1.6	0.00	7.64	78	58	12.30	7.41	70	50	12.10	7.38	25	20	7.94	6.0		3.5		0.80	6.3	0.19	
2	Mon	2.8					0.00	7.55	165	108	32.50	7.32	73	66	23.80	7.28	16	19	14.00	4.7		3.2		1.87	5.0	0.82	
3	Tue	3.8		0.08			0.00	7.54	93	68	14.90	7.34	83	58	21.30	7.29	14	18	13.60	4.7		3.8		1.24	4.9	0.29	
4	Wed	3.6					0.00	7.56	98	92	15.20	7.49	81	64	21.60	7.45	16	15	14.30	4.7		3.8		1.39	4.9	0.36	
5	Thu	3.3		0.02			0.00	7.44	105	86	13.60	7.26	71	48	19.10	7.11	18	17	14.50	4.7		3.8		1.55	5.0	0.52	
6	Fri	2.4					0.00	7.44	160	106	20.00	7.29	130	61	32.70	7.26	23	15	18.40	4.7		3.3		2.27	5.0	1.05	
7	Sat	3.5	3.5	0.03			0.00	7.45	103	84	13.90	7.40	79	38	17.70	7.39	23	19	12.50	4.7		3.8		1.42	4.9	0.40	
8	Sun	3.3					0.00	7.35	105	80	15.60	7.25	78	66	17.30	7.24	18	20	10.80	4.7		3.8		1.55	4.9	0.47	
9	Mon	3.5		0.02			0.00	7.39	110	94	16.95	7.33	89	66	21.20	7.17	17	17	16.60	4.6		3.8		1.42	5.1	0.47	
10	Tue	2.5					0.00	7.64	140	100	20.60	7.37	99	38	28.30	7.35	18	14	17.00	4.6		3.5		2.25	4.9	0.97	
11	Wed	7.0		0.74		12.3	0.00	7.49	78	148	8.45	7.41	68	78	11.55	7.53	31	36	8.85	6.0		3.8		0.40	8.0	0.14	
12	Thu	6.5		0.16			0.00	7.49	45	82	7.15	7.40	37	48	9.04	7.22	17	18	7.28	7.3		3.8		0.70	7.2	0.11	
13	Fri	5.1					0.00	7.55	67	62	12.70	7.35	64	50	15.40	7.23	21	21	11.80	5.5		3.8		0.82	5.9	0.15	
14	Sat	5.1	4.7				0.00	7.50	75	80	9.71	7.36	60	44	11.90	7.23	18	18	8.24	4.7		3.8		0.67	5.8	0.14	
15	Sun	2.5					0.00	7.53	123	82	18.95	7.29	99	50	19.90	7.24	24	16	12.30	4.6		2.2		1.77	5.0	1.05	
16	Mon	3.7					0.00	7.49	105	107	29.10	7.41	100	60	22.70	7.33	23	24	17.50	4.5	45	2.3	285	0.86	5.0	0.37	90
17	Tue	3.7					0.00	7.50	104	88	14.20	7.35	81	54	19.30	7.29	16	18	14.50	4.6		2.2		0.84	4.9	0.32	
18	Wed	3.6		0.01			0.00	7.47	108	96	16.40	7.37	73	46	19.55	7.33	15	13	12.40	4.6		2.2		0.90	4.9	0.35	
19	Thu	3.7					0.00	7.45	95	138	29.45	7.25	89	64	21.60	7.24	15	17	14.70	4.7		1.9		0.80	5.0	0.37	
20	Fri	3.3					0.00	7.51	38	112	17.90	7.27	63	53	22.60	7.15	13	16	14.40	4.7		1.4		0.85	4.8	0.47	
21	Sat	3.5	3.4				0.00	7.40	108	80	22.60	7.24	61	46	18.30	7.18	14	16	10.40	4.7		1.8		0.85	4.5	0.28	
22	Sun	3.9					0.00	7.36	108	86	17.20	7.28	28	50	14.10	7.19	14	23	8.83	4.6		2.1		0.73	4.6	0.18	
23	Mon	3.6					0.00	7.35	140	125	18.80	7.23	96	52	19.20	7.29	11	14	11.00	4.7		2.4		0.98	5.0	0.38	
24	Tue	3.5					0.00	7.44	122	88	34.50	7.39	83	60	20.90	7.36	15	15	15.30	4.5		2.1		0.91	4.9	0.41	
25	Wed	8.4		2.56		14.1	3.51	7.35	52	110	6.04	7.26	48	94	6.43	7.29	21	27	6.37	6.8		3.8		0.25	9.4	0.11	
26	Thu	7.7		1.28		6.8	2.36	7.21	45	140	4.79	7.09	49	100	7.92	7.04	16	26	7.73	6.5		3.6		0.32	8.8	0.15	
27	Fri	6.8		0.20			0.09	7.35	57	52	11.80	7.13	55	56	10.00	7.05	11	18	7.38	5.5		3.5		0.33	7.7	0.13	
28	Sat	5.7	5.7				0.00	7.25	53	36	7.57	7.14	42	38	9.87	7.04	11	15	7.87	4.7		2.5		0.26	6.6	0.15	
29	Sun	5.6					0.00	7.22	47	54	8.28	7.13	43	48	9.21	7.05	8	18	6.12	4.7		2.6		0.30	6.4	0.15	
30	Mon	5.9		0.25		2.4	0.00	7.30	60	58	11.90	7.09	50	50	15.80	7.01	12	13	10.70	5.1		2.9		0.36	6.9	0.17	
AVERAGE		4.4		0.18		1.2	0.20	7.44	93	90	16.10	7.30	71	57	17.35	7.24	17	19	11.78	5.0	2	3.0	10	0.99	5.7	0.37	3
MAXIMUM		8.4	5.7	2.56		14.1	3.51	7.64	165	148	34.50	7.49	130	100	32.70	7.53	31	36	18.40	7.3	45	3.8	285	2.27	9.4	1.05	90
MINIMUM		2.4		0.01		0.0	0.00	7.21	38	36	4.79	7.09	28	38	6.43	7.01	8	13	6.12	4.5	45	1.4	285	0.25	4.5	0.11	90
# OF DATA		30		11		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1	30	1		30		1
TOTAL		133		5.35		37	6	223	2786	2700	483	219	2141	1696	520	217	513	556	353	151	45	91	285		172		90

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 2 of 6

Date : Apr-2007

LaPorte Wastewater Treatment Plant

Permit # IN0025577

2101 Boyd Boulevard

Expires 10-31-2009

LaPorte IN, 46350

Certified Operator : Jerry P Jackson

Phone # (219)362-2354

Certification Number : 11496

## Final Effluent

Day of the Month	Day of the Week	Effluent Flow in MGal/Day	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 Residual in mg/L	Escherichia Coliform (Colonies /100mL)	Effluent Chlorine Residual in mg/L
1	Sun	5.2	7.64	11		461		18		779		0.46		20		9.4		1.92	8	< 0.01
2	Mon	2.6	7.26	4		92		8		183		0.13		3		9.0		1.69	3	< 0.01
3	Tue	3.6	7.38	4		136		14		434		0.25		8		9.5		1.40	7	< 0.01
4	Wed	3.5	7.40	7		205		13		386		0.28		8		9.9		2.02	1	< 0.01
5	Thu	3.3	7.28	6		177		12		332		0.49		14		10.9		1.95	4	< 0.01
6	Fri	2.5	6.93	3		61		2		41		0.44		9		10.7		2.20	1	< 0.01
7	Sat	3.5	7.04	4	6	111	178	3	10	88	321	0.40	0.35	12	11	10.7		1.57	15	< 0.01
8	Sun	3.3	7.35	4		97		5		139		0.15		4		10.7		1.97	9	< 0.01
9	Mon	3.5	7.06	3		87		5		131		0.40		12		10.6		2.90	19	< 0.01
10	Tue	2.4	7.39	4		77		2		41		0.66		14		10.1		1.47	0	< 0.01
11	Wed	6.7	7.44	8		464		10		559		1.21		71		10.6		2.19	24	< 0.01
12	Thu	6.3	7.20	15		794		23		1237		0.47		26		11.2		3.13	28	< 0.01
13	Fri	5.0	7.02	4		179		6		234		0.33		14		11.0		1.88	21	< 0.01
14	Sat	4.9	7.48	5	6	195	270	5	8	190	361	0.20	0.49	8	21	10.5		1.84	8	< 0.01
15	Sun	2.6	7.41	3		68		4		82		0.09		2		10.4		1.98	2	< 0.01
16	Mon	3.6	7.31	4		125		6		168		0.45		14		10.1		2.05	5	< 0.01
17	Tue	3.6	7.39	4		124		4		124		0.51		16		9.9		2.17	5	< 0.01
18	Wed	3.5	7.37	3		96		3		90		0.31		9		9.8		2.06	3	< 0.01
19	Thu	3.7	7.34	6		171		5		145		0.32		10		9.7		1.85	3	< 0.01
20	Fri	3.2	7.22	3		77		4		110		0.32		9		9.5		2.00	3	< 0.01
21	Sat	2.9	7.32	< 2	3	29	98	5	4	131	121	0.14	0.31	4	9	9.4		1.77	11	< 0.01
22	Sun	3.3	7.24	2		78		7		236		0.26		8		9.1		2.33	14	< 0.01
23	Mon	3.3	7.22	3		87		6		166		0.57		17		8.8		2.26	20	< 0.01
24	Tue	3.5	7.44	< 2		29		4		101		0.11		3		9.2		2.61	1	< 0.01
25	Wed	8.3	7.42	5		373		13		880		1.49		105		9.1		2.33	144	< 0.01
26	Thu	7.7	7.35	5		339		8		512		0.20		13		8.8		3.61	65	< 0.01
27	Fri	6.7	7.35	< 2		56		6		311		0.30		17		9.1		1.55	47	< 0.01
28	Sat	5.7	7.25	3	3	148	159	4	7	191	342	0.09	0.43	4	24	9.5		2.03	6	< 0.01
29	Sun	5.5	7.22	2		97		8		360		0.05		2		9.2		2.10	16	< 0.01
30	Mon	5.8	7.12	2		113		7		319		0.19		9		9.0		1.39	11	< 0.01
AVERAGE		4.3	7.29	4		172		7		290		0.38		15		9.8		2.07	8	< 0.01
MAXIMUM		8.3	7.64	15	6	794	270	23	10	1237	361	1.49	0.49	105	24	11.2		3.61	144	< 0.01
MINIMUM		2.4	6.93	<2		29		2		41		0.05		2		8.8		1.39	0	< 0.01
# OF DATA		30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		129	219	130		5146		214		8698		11		465		295.4		62.22	504	< 0.01

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Apr-2007

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

Page 3 of 6

Permit # IN0025577

Expires 10-31-2009

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	280	120			22	0	295	6	2	69		
2	Mon	100	45			19	0	300	6	2	80		
3	Tue	150	35			20	0	308	6	2	81		
4	Wed	200	180			20	0	308	6	2	81		
5	Thu	170	60			20	0	307	6	2	82		
6	Fri	60	80			20	0	305	6	2	83		
7	Sat	140	140			20	0	304	6	2	82		
8	Sun	40	100			20	0	301	6	2	82		
9	Mon	230	100			20	10	297	6	2	83		
10	Tue	80	50			20	0	295	6	2	83		
11	Wed	240	180			25	0	293	6	1	49		
12	Thu	350	80			20	0	294	6	2	65		
13	Fri	140	100			20	0	293	6	2	90		
14	Sat	200	180	27	41	20	0	291	6	2	84		
15	Sun	100	40			20	0	283	6	2	83		
16	Mon	120	60			20	0	284	6	2	82		
17	Tue	120	80			20	0	285	6	2	83		
18	Wed	130	100			20	0	287	6	2	82		
19	Thu	150	100			20	0	289	6	2	82		
20	Fri	120	80			20	0	290	6	2	82		
21	Sat	120	60			20	0	292	6	2	87		
22	Sun	120	80			20	0	291	6	2	80		
23	Mon	140	30			20	0	288	6	2	80		
24	Tue	180	60			19	0	291	6	2	80		
25	Wed	470	280	27	61	25	0	301	6	1	28		
26	Thu	410	320			26	0	320	5	1	35		
27	Fri	320	220	27		19	3	294	6	1	51		
28	Sat	160	120			20	0	330	6	2	80		
29	Sun	280	140			20	0	326	6	2	82		
30	Mon	250	110			21	0	311	6	2	82		
AVERAGE		186	111	3	3	21	0	298	6	2	76		
MAXIMUM		470	320	27	61	26	10	330	6	2	90		
MINIMUM		40	30	27	41	19	0	283	5	1	28		
# OF DATA		30	30	3	2	30	30	30	30	30	30		
TOTAL		5570	3330	81	101	618	13	8952	179	62	2275		

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		

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Apr-2007

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

Page 4 of 6

Permit # IN0025577

Expires 10-31-2009

Certified Operator : Jerry P Jackson

Certification Number : 11496

		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 Supernatant (gal x 1000)	Secondary to Storage Tank (gal x 1000)	
1	Sun								96				95	6				22	0.05		4.0	
2	Mon		3.08	78.0	6.42	4.02	59.8	7.02	96	2.63	55.2	7.02	95	21	4.34	57.4	7.12	7		18.9	21	
3	Tue								96				95	8				22		70.4		
4	Wed								96				95	12				31		98.8		
5	Thu								96				95	13				34		116.2		
6	Fri								96				95	10				32		53.1		
7	Sat								96				95	10				37		20.1		
8	Sun								96				95	13				42		13.3		
9	Mon		2.76	85.1	6.38	2.32	57.0	6.95	96	3.20	59.6	7.02	95	24	4.77	57.8	7.01	15		8.3	22	
10	Tue								96				95	8				25		5.7		
11	Wed								96				95	16				51		4.4		
12	Thu								96				95	12				34		2.8		
13	Fri								96				96	9				26		7.4		
14	Sat								96				96	12				40		9.7		
15	Sun								96				96	14				41	0.04	12.1		
16	Mon		1.46	79.2	6.54	2.20	58.9	6.94	96	3.10	58.8	7.10	96	29	5.20	56.8	6.94	8		31.1	41	
17	Tue								96				96	4				0		51.5		
18	Wed								96				96	3				0		54.4		
19	Thu								96				96	13				0		42.8	12	
20	Fri								96				96	20				6		41.3	21	
21	Sat								96				96	1				0		43.0		
22	Sun								96				96	4				0		44.0		
23	Mon		3.61	66.3	6.27	2.13	58.1	6.92	96	2.15	62.6	7.02	96	14	4.59	58.9	7.12	30		41.2	6	
24	Tue								96				96	8				25		40.7		
25	Wed								96				96	38				102		40.2		
26	Thu								96				96	18				44		34.5		
27	Fri								96				96	28				56		9.5		
28	Sat								96				96	10				26	0.21	0.3		
29	Sun								96				96	10				34	0.09	0.2		
30	Mon		3.24	69.5	6.42	4.18	57.9	6.88	96	2.06	63.1	7.00	96	16	4.04	57.6	7.07	38		0.3	3	
AVERAGE			2.83	75.6	6.41	2.97	58.3	6.94	96	2.63	59.9	7.03	96	13	4.59	57.7	7.05	28	0.10		30.7	4
MAXIMUM			3.61	85.1	6.54	4.18	59.8	7.02	96	3.20	63.1	7.10	96	38	5.20	58.9	7.12	102	0.21		116.2	41
MINIMUM			1.46	66.3	6.27	2.13	57.0	6.88	96	2.06	55.2	7.00	95	1	4.04	56.8	6.94	0	0.04		0.2	
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	4		30	30
TOTAL			14	378	32	15	292	35	2875	13	299	35	2868	404	23	289	35	832	0		920	125

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 5 of 6

Date: Apr-2007

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

Permit # IN0025577

Expires 10-31-2009

Certified Operator : Jerry P Jackson

Certification Number : 11496

## NPDES LIMITS AND ANALYSIS

**Metals and Cyanide Analysis : All results are given in mg/l except mercury (Hg) which is given in ng/l.**

INFLUENT									EFFLUENT								
Method: 24 hour composite (except for Hg, which is grab)									Site: Post Rake Room								
Site: Post Cl2 Tank																	
Sample Characteristics		Hg	Cr	Cu	Pb		Ni	Zn	CN-	Hg	Cr	Cu	Pb		Ni	Zn	CN-
Sample Number		CO71900	CO1032	CO1042	CO1051		CO1074	CO1092	CO0720	CO71900	CO1032	CO1042	CO1051		CO1074	CO1092	CO0720
Sample Type	Permit Condition	Grab	24 Hour	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour	Grab	24 Hour	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour
	Monitored	Grab	24 Hour	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour	Grab	24 Hour	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour
Frequency	Permit Condition	6 X Annual	4 X Annual	2-31 Days	4 X Annual		4 X Annual	4 X Annual	2-31 Days	6 X Annual	4 X Annual	2-31 Days	4 X Annual		4 X Annual	4 X Annual	2-31 Days
	Monitored	6 X Annual	4 X Annual	2-31 Days	4 X Annual		4 X Annual	4 X Annual	2-31 Days	6 X Annual	4 X Annual	2-31 Days	4 X Annual		4 X Annual	4 X Annual	2-31 Days
Parameter Limits	Daily Maximum											0.055					0.016
	Monthly Average											0.024					0.016
1st Date:	April 4th			0.050								0.027					
2nd Date:	April 11th	182.0	0.007	0.072	0.013		0.008	0.120	<0.005	5.0		0.020					<0.005
3rd Date:	April 18th			0.063								0.020					
4th Date:	April 25th		0.005	0.042	0.011		0.008	0.086	<0.005			0.018					<0.005
5th Date:																	
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*See Note	0	NA	NA	NA	0
Average		182.0	0.006	0.057	0.012		0.008	0.103	<0.003	5.0		0.021					<0.003
Maximum		182.0	0.007	0.072	0.013		0.008	0.120	<0.005	5.0		0.027					<0.005

\* We are currently under Agreed Order 2000-9996-W with IDEM to resolve effluent copper concerns.

**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	5.7	4.4	6	4	270	172	10	7	361	290	0.49	0.38	24	15	8.8	7.64	< 0.01	144	8
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: Apr-2007  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

Page 6 of 6  
 Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

Total lbs Volatile Solids to Digester 3,676

Overall Percent Removal of Volatile Solids 56.0%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 20,137

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 477

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 70

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 745

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 27

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 :	23%	37%	-8%
Secondary Treatment :	76%	67%	32%
Adv. Sec. Treatment :	75%	62%	97%
Overall Treatment :	95%	92%	98%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	5.0	1.4	2.8
Secondary Settling Tank	3.7	1.1	2.0
Final Settling Tank	11.5	3.3	6.4
Chlorine Contact Tank	0.80	0.23	0.44
Total Plant Retention Time	20.2	5.8	11.2

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1055	304	552
Secondary Settling Tank	1393	402	729
Final Settling Tank	710	205	372

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	20	6	11
Secondary Settling Tank	17	5	9
Final Settling Tank	16	5	8

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:

4/26/2007 - Influent flowmeter during storm. Controlled raw flow manually, using trickling filter pumphouse operation as a guide to maintain maximum flow

4/(5, 13)/2007 - 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 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) 04/01/2007 04/30/2007 Check box if no CSO discharge occurred for the month:

Design Peak Inf. Flow(MGD) 9.7 Measured/Metered (M) or Estimated (E) must be specified.(Please attach methods used.)

Table with columns for Day of Month, Day of Week, Precip. in Inches, Avg Infl. Flow Rate (MGD), Peak Infl. Flow Rate (MGD), and CSO Outfall No. 002. Rows include dates from 1st to 31st with associated flow rates and discharge times.

Totals: 5.35 n/a n/a n/a 22.5 5.96
Typed or Printed Name and Title of Principal Executive Officer of Authorized Agent Jerry P Jackson, Superintendent Telephone 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 09/16/2007