

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Aug-05  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

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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	Mon	2.4					0.00	7.56	190	154	33.16	7.38	109	58	27.94	7.33	12	17	8.87	4.9		3.4		2.43	7.7	2.22	
2	Tue	2.3					0.00	7.53	170	108	32.95	7.41	100	52	26.90	7.14	10	8	7.52	4.9		3.6		2.63	8.2	2.53	
3	Wed	2.4					0.00	7.65	175	180	29.37	7.51	95	84	26.27	7.24	10	18	7.80	4.8		3.6		2.54	8.2	2.43	
4	Thu	3.8		0.06			0.00	7.67	170	268	19.15	7.54	73	74	20.14	7.40	13	22	7.37	4.8		3.6		1.24	7.7	1.04	
5	Fri	2.4					0.00	7.54	205	258	31.18	7.38	100	72	26.41	7.22	10	19	7.76	4.9		3.6		2.50	7.8	2.20	
6	Sat	2.3	2.6				0.00	7.45	180	98	28.84	7.30	124	50	28.98	7.26	11	14	8.79	4.9		3.4		2.58	7.8	2.31	
7	Sun	2.4					0.00	7.62	210	120	29.91	7.40	128	108	29.32	7.17	12	18	8.60	4.9		3.3		2.48	7.8	2.29	
8	Mon	2.7					0.00	7.56	170	160	26.15	7.45	91	70	20.98	7.21	14	26	7.98	4.9		3.3		2.02	7.8	1.86	
9	Tue	2.3					0.00	7.61	129	120	20.54	7.37	105	96	20.19	7.16	12	19	7.15	4.9	60	3.6		2.66	8.2	2.58	
10	Wed	2.3		0.06			0.00	7.46	121	156	28.31	7.31	113	76	26.41	7.17	12	28	9.19	4.9		3.6	330	2.63	8.2	2.52	
11	Thu	5.2		0.59		4.2	0.00	7.56	96	160	10.83	7.27	73	72	13.06	7.12	22	32	6.60	5.7		3.8		0.83	9.5	0.82	90
12	Fri	2.8					0.00	7.67	117	98	22.90	7.43	66	65	19.70	7.14	10	26	5.46	4.9		3.8		2.17	7.7	1.82	
13	Sat	5.9	3.4	2.07		7.5	0.00	7.40	50	100	5.40	7.28	45	50	9.28	7.14	12	22	5.11	6.1		3.3		0.60	9.7	0.65	
14	Sun	5.4		0.01			0.00	7.39	22	36	9.50	7.28	45	42	10.19	6.91	10	15	4.51	5.0		4.1		0.68	7.7	0.43	
15	Mon	5.2					0.00	7.44	78	59	11.36	7.22	68	60	10.53	6.97	16	21	4.63	4.9		4.1		0.72	7.7	0.48	
16	Tue	5.0					0.00	7.47	63	68	11.63	7.23	55	50	10.57	6.97	10	19	4.44	4.9		4.0		0.78	7.5	0.49	
17	Wed	4.5					0.00	7.80	73	60	11.81	7.42	47	50	10.76	7.05	13	25	4.61	4.9		4.0		0.95	8.2	0.81	
18	Thu	2.2		0.05			0.00	7.68	170	108	27.50	7.52	84	36	21.52	7.49	10	8	7.30	4.8		3.4		2.72	8.2	2.72	
19	Fri	2.0					0.00	7.66	170	138	29.35	7.44	90	52	26.65	7.33	8	10	8.17	4.9		3.4		3.09	7.7	2.79	
20	Sat	5.8	4.3	0.92		4.2	0.00	7.91	65	126	7.40	7.45	64	78	10.96	7.04	13	30	5.24	5.6		3.6		0.60	9.2	0.59	
21	Sun	4.9					0.00	7.71	86	72	10.16	7.41	56	52	10.83	7.09	11	32	4.24	5.1		4.1		0.87	7.7	0.59	
22	Mon	4.9					0.00	7.68	65	71	11.88	7.46	48	54	10.51	7.28	15	34	3.97	4.9		4.1		0.84	7.8	0.59	
23	Tue	3.7					0.00	7.64	99	106	16.65	7.50	64	58	13.56	7.32	14	35	4.87	4.9		4.0		1.42	8.2	1.22	
24	Wed	1.9					0.00	7.65	115	105	29.04	7.51	91	54	25.16	7.21	13	17	7.96	4.8	120	3.3		3.19	8.2	3.26	90
25	Thu	2.1					0.00	7.55	91	170	28.30	7.44	96	60	25.09	7.19	13	16	8.74	4.9		3.5		2.93	8.2	2.86	
26	Fri	1.9					0.00	7.57	175	134	29.66	7.42	70	46	27.29	7.16	11	9	8.84	5.0		3.1		3.31	7.8	3.15	
27	Sat	1.8	3.0				0.00	7.50	156	108	30.72	7.39	82	60	29.66	7.23	14	13	11.04	5.0		2.5		3.16	7.8	3.27	
28	Sun	1.9					0.00	7.70	168	92	30.57	7.46	72	50	28.23	7.25	12	12	10.06	5.0		2.7		3.16	7.8	3.17	
29	Mon	1.9					0.00	7.57	225	158	32.34	7.47	119	64	27.20	7.28	13	17	9.70	4.9		3.0		3.25	7.8	3.16	
30	Tue	1.9					0.00	7.60	105	158	31.80	7.49	106	68	26.14	7.29	12	17	9.22	4.9		3.0		3.13	8.2	3.31	
31	Wed	2.0	2.3				0.00	7.58	160	177	29.01	7.40	112	46	24.00	7.26	14	4	8.51	5.0		3.4	270	3.20	8.2	3.14	
AVERAGE		3.2		0.12		0.5	0.00	7.59	131	127	22.82	7.40	83	62	20.79	7.19	12	19	7.23	5.0	6	3.5	19	2.11	8.1	1.98	6
MAXIMUM		5.9	4.3	2.07		7.5	0.00	7.91	225	268	33.16	7.54	128	108	29.66	7.49	22	35	11.04	6.1	120	4.1	330	3.31	9.7	3.31	90
MINIMUM		1.8		0.01		0.0	0.00	7.39	22	36	5.40	7.22	45	36	9.28	6.91	8	4	3.97	4.8	60	2.5	270	0.60	7.5	0.43	90
# OF DATA		31		7		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	2	31	2		31		2
TOTAL		98		3.76		16	0	235	4069	3926	707	230	2587	1907	644	223	383	603	224	155	180	109	600		250		180

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## 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 Tank Residual in mg/L	Escherichia Coliform (Colonies /100mL)	Effluent Chlorine Residual in mg/L
1	Mon	2.1	7.40	3		54		6		110		0.43		9		7.6		3.30	55	< 0.01
2	Tue	2.0	7.44	3		56		3		49		0.52		10		7.5		3.27	16	< 0.01
3	Wed	2.1	7.57	3		52		7		130		0.35		7		7.5		3.35	19	< 0.01
4	Thu	3.5	7.52	4		135		14		433		0.58		18		7.3		2.50	178	< 0.01
5	Fri	2.2	7.72	3		51		8		152		0.34		7		7.3		3.02	55	< 0.01
6	Sat	1.9	7.45	2	3	43	65	4	7	78	156	0.49	0.45	10	10	7.5		3.23	7	< 0.01
7	Sun	1.9	7.52	3		55		5		99		0.32		6		7.6		3.41	11	< 0.01
8	Mon	2.6	7.50	3		72		12		260		0.44		10		7.5		2.36	17	< 0.01
9	Tue	2.8	7.61	3		61		10		187		0.31		6		7.4		3.21	73	< 0.01
10	Wed	2.3	7.60	3		51		9		175		0.25		5		7.6		2.63	47	< 0.01
11	Thu	4.8	7.41	6		278		17		737		1.37		60		7.7		3.32	45	< 0.01
12	Fri	2.7	7.16	4		83		11		252		0.47		11		7.5		2.71	21	< 0.01
13	Sat	5.6	7.34	5	4	241	120	8	10	405	302	0.90	0.58	44	20	7.5		2.91	183	< 0.01
14	Sun	5.3	7.30	3		113		7		293		0.33		15		7.7		3.17	29	< 0.01
15	Mon	5.3	7.25	5		226		10		413		0.26		11		7.7		3.40	65	< 0.01
16	Tue	5.0	7.37	3		142		12		485		0.23		10		7.8		4.93	65	< 0.01
17	Wed	4.6	7.21	5		171		11		417		0.33		12		8.0		3.32	84	< 0.01
18	Thu	2.3	7.42	3		63		5		88		0.28		5		7.6		3.62	43	< 0.01
19	Fri	2.1	7.35	4		63		4		60		0.60		10		7.7		3.72	22	< 0.01
20	Sat	5.6	7.27	5	4	240	145	22	10	1057	402	0.54	0.37	26	13	7.4		3.59	26	< 0.01
21	Sun	4.8	7.25	4		179		16		660		0.30		12		7.6		3.36	138	< 0.01
22	Mon	4.8	7.20	6		241		13		531		0.35		14		7.9		3.01	120	< 0.01
23	Tue	3.7	7.64	7		207		16		487		0.30		9		8.0		3.70	140	< 0.01
24	Wed	2.0	7.65	4		61		12		185		0.31		5		8.0		3.80	47	< 0.01
25	Thu	2.2	7.48	4		77		8		142		0.61		11		8.0		3.66	52	< 0.01
26	Fri	2.0	7.48	4		69		3		47		0.46		7		7.6		4.08	46	< 0.01
27	Sat	1.9	7.48	4	5	64	128	3	10	46	300	0.46	0.40	7	9	7.3		3.65	12	< 0.01
28	Sun	1.9	7.42	5		73		2		31		0.27		4		7.6		3.80	48	< 0.01
29	Mon	2.0	7.57	3		47		6		97		0.24		4		7.6		3.01	28	< 0.01
30	Tue	2.0	7.60	6		88		6		100		0.29		5		7.6		2.83	54	< 0.01
31	Wed	2.1	7.41	3	3	45	63	2	5	25	90	0.30	0.23	5	4	7.7		3.99	18	< 0.01
AVERAGE		3.1	7.44	4		110		9		266		0.43		12		7.6		3.35	41	< 0.01
MAXIMUM		5.6	7.72	7	5	278	145	22	10	1057	402	1.37	0.58	60	20	8.0		4.93	183	< 0.01
MINIMUM		1.9	7.16	2		43		2		25		0.23		4		7.3		2.36	7	< 0.01
# OF DATA		31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		96	231	121		3398		267		8231		13		375		236.3		103.86	1764	< 0.01

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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	Mon	120	40			26	0	318	6	4	195		
2	Tue	120	40			26	11	314	6	4	194		
3	Wed	120	40			26	0	314	6	4	194		
4	Thu	180	90			26	14	317	6	4	198		
5	Fri	120	70	20	27	26	0	317	6	4	200		
6	Sat	130	50			28	0	317	6	4	200		
7	Sun	110	30			28	0	314	6	4	198		
8	Mon	180	60			26	7	311	6	4	199		
9	Tue	180	60			28	5	309	6	4	200		
10	Wed	141	60			26	0	310	6	4	198		
11	Thu	275	140			31	0	310	6	3	139		
12	Fri	184	80			31	0	311	6	4	202		
13	Sat	320	200			36	0	310	6	3	130		
14	Sun	240	180			25	2	315	6	4	200		
15	Mon	300	160	41	41	23	0	310	6	4	200		
16	Tue	280	160			25	0	329	6	4	200		
17	Wed	300	180			21	0	333	6	4	198		
18	Thu	120	60			26	0	329	6	4	196		
19	Fri	140	80			26	0	323	6	4	196		
20	Sat	320	210			28	0	320	6	3	152		
21	Sun	250	160			26	0	315	6	4	195		
22	Mon	250	130	27	27	26	8	333	6	4	197		
23	Tue	220	120			26	0	330	6	4	197		
24	Wed	120	80			26	0	327	6	4	195		
25	Thu	160	80			26	0	326	6	4	194		
26	Fri	120	80			26	0	320	6	4	192		
27	Sat	20	60			26	0	315	6	4	192		
28	Sun	320	70			26	0	308	6	4	192		
29	Mon	140	50			26	0	303	6	4	192		
30	Tue	120	80			26	0	301	6	4	193		
31	Wed	160	140			26	0	301	6	4	195		
AVERAGE		186	98	3	3	27	2	316	6	4	191		
MAXIMUM		320	210	41	41	36	14	333	6	4	202		
MINIMUM		20	30	20	27	21	0	301	6	3	130		
# OF DATA		31	31	3	3	31	31	31	31	31	31		
TOTAL		5760	3040	88	95	823	47	9809	186	134	5923		

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 Supernatant (gal x 1000)	Secondary to Storage Tank (gal x 1000)
1	Mon		2.10	79.7	6.41	2.34	49.3	6.72	96	1.88	45.6	7.16	96	29	3.78	56.4	7.21	12		0.5	36
2	Tue								96				96	20				24		0.9	
3	Wed								96				96	18				47		1.3	
4	Thu								96				96	35				70		1.3	
5	Fri								96				96	22				48		1.3	
6	Sat								96				96	16				45		1.3	
7	Sun								96				96	22				53		1.3	
8	Mon		1.50	75.7	6.84	1.85	55.9	6.81	96	4.19	55.3	6.97	96	34	4.56	55.2	7.10	4		1.3	38
9	Tue								96				96	13				23		1.3	
10	Wed								96				96	18				43		1.3	
11	Thu								96				96	25				58		1.3	
12	Fri								96				96	24				60		1.3	
13	Sat								96				96	32				78		1.3	
14	Sun								96				96	19				45		1.3	
15	Mon		0.76	60.0	6.50	2.02	57.6	6.88	96	2.65	59.7	6.88	96	35	4.38	53.0	7.02	15		1.2	44
16	Tue								96				96	11				3		1.3	
17	Wed								96				96	8				15		1.3	
18	Thu								96				96	13				37		1.3	
19	Fri								96				96	19				49		1.3	
20	Sat								96				96	24				58		1.3	
21	Sun								96				96	19				45	0.05	1.2	
22	Mon		2.38	69.2	6.33	4.21	54.4	6.67	96	3.73	57.5	6.98	96	33	4.61	55.7	6.89	24	0.05	1.2	31
23	Tue								96				96	16				23		1.3	
24	Wed								96				96	18				42		1.3	
25	Thu								96				96	19				45		1.3	
26	Fri								96				96	19				45		1.3	
27	Sat								96				96	15				41		1.3	
28	Sun								96				96	18				47		1.2	
29	Mon		1.08	75.0	6.58	1.80	52.9	6.79	96	2.04	55.7	6.97	96	39	4.60	52.2	6.97	24		1.2	40
30	Tue								96				96	7				1		1.2	
31	Wed								96				96	13				26		1.2	
AVERAGE			1.56	71.9	6.53	2.44	54.0	6.77	96	2.90	54.8	6.99	96	21	4.39	54.5	7.04	37	0.05	1.2	6
MAXIMUM			2.38	79.7	6.84	4.21	57.6	6.88	96	4.19	59.7	7.16	96	39	4.61	56.4	7.21	78	0.05	1.3	44
MINIMUM			0.76	60.0	6.33	1.80	49.3	6.67	96	1.88	45.6	6.88	96	7	3.78	52.2	6.89	1	0.05	0.5	
# OF DATA			5	5	5	5	5	5	31	5	5	5	31	31	5	5	5	31	2	31	31
TOTAL			8	360	33	12	270	34	2972	14	274	35	2974	653	22	273	35	1152	0	38	190

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## 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 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 :	August 3rd, 2005			0.120								0.024					
2nd Date :	August 10th, 2005	114.5	<0.005	0.120	0.013		0.012	0.120	<0.005	9.5		0.020					0.006
3rd Date :	August 17th, 2005			0.042								0.014					
4th Date :	August 24th, 2005		<0.005	0.110	0.007		0.024	0.076	<0.005			0.012					<0.005
5th Date :	August 31st, 2005			0.090								0.015					
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*See Note	0	NA	NA	NA	0
Average		114.5	<0.003	0.096	0.010		0.018	0.098	<0.003	9.5		0.017					0.004
Maximum		114.5	<0.005	0.120	0.013		0.024	0.120	<0.005	9.5		0.024					0.006

\* 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	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	4.3	3.2	5	4	145	110	10	9	402	266	0.58	0.43	20	12	7.3	7.72	< 0.01	183	41
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: Aug-05  
 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 2,491

Overall Percent Removal of Volatile Solids 53.2%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 20,409

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 473

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 81

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,050

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 21

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

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 2

### Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	36%	51%	9%
Secondary Treatment :	85%	68%	65%
Adv. Sec. Treatment :	68%	56%	94%
Overall Treatment :	97%	93%	98%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	6.7	2.1	3.9
Secondary Settling Tank	4.9	1.5	2.8
Final Settling Tank	15.4	4.8	8.9
Total Plant Retention Time	27.1	8.4	15.5

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	736	228	396
Secondary Settling Tank	971	301	523
Final Settling Tank	495	153	267

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	14	4	8
Secondary Settling Tank	12	4	6
Final Settling Tank	11	3	6

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:

August 8 - North final clarifier out of service for weir cleaning  
 August 9 - Raw flowmeter electronics and level sensor replaced with a unit less prone to freezing problems  
 August 9 - Primary Clarifier #4 out of service for inspection  
 August 15 - Primary Clarifier #3 out of service for inspection  
 August 16 - Primary Clarifier #2 out of service for inspection  
 August 17 - Primary Clarifier #1 out of service for inspection  
 August 22-23 - Primary Clarifier #2 out of service for inspection

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) 08/01/2005 08/31/2005	Check box if no CSO discharge occurred for the month: <input checked="" type="checkbox"/>

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

					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		2.40	3.43																			
2	Tue		2.33	3.01																			
3	Wed		2.39	3.01																			
4	Thu	0.06	3.77	6.95																			
5	Fri		2.42	3.18																			
6	Sat		2.34	3.27																			
7	Sun		2.36	3.23																			
8	Mon		2.71	4.07																			
9	Tue		2.30	4.12																			
10	Wed	0.06	2.34	3.86																			
11	Thu	0.59	5.20	10.08																			
12	Fri		2.75	5.74																			
13	Sat	2.07	5.89	10.05																			
14	Sun	0.01	5.40	6.65																			
15	Mon		5.22	5.91																			
16	Tue		5.00	5.71																			
17	Wed		4.55	5.24																			
18	Thu	0.05	2.22	3.18																			
19	Fri		2.04	2.72																			
20	Sat	0.92	5.76	10.01																			
21	Sun		4.87	5.59																			
22	Mon		4.89	5.77																			
23	Tue		3.71	5.18																			
24	Wed		1.93	2.40																			
25	Thu		2.13	2.89																			
26	Fri		1.87	2.50																			
27	Sat		1.82	2.66																			
28	Sun		1.87	3.06																			
29	Mon		1.87	2.40																			
30	Tue		1.91	2.48																			
31	Wed		1.99	2.77																			
<b>Totals:</b>		<b>3.76</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>		<b>0.0</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>
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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>10/30/2005</b>
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