

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Apr-03  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

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Permit # IN0025577

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	Tue	2.3					0.00	7.79	180	134	27.66	7.32	107	62	23.58	7.09	14	18	9.74	4.7		2.3		1.97	8.2	2.49	
2	Wed	2.5					0.00	7.79	160	107	25.39	7.19	96	48	25.18	6.93	13	13	11.62	4.6		2.5	405	1.88	8.2	2.29	
3	Thu	3.2		0.21		0.5	0.00	7.81	170	192	24.01	7.33	86	72	23.48	7.05	12	25	13.38	4.7		2.4		1.21	8.3	1.60	
4	Fri	7.5		1.78		10.3	0.04	7.37	83	236	7.64	7.11	84	160	10.63	6.89	16	45	7.02	6.2		3.5		0.30	10.2	0.36	
5	Sat	4.7	3.6				0.01	7.63	68	68	9.69	7.18	55	60	10.79	7.25	13	22	5.04	4.8		3.8		0.82	8.0	0.70	
6	Sun	4.3					0.00	7.55	65	48	10.51	7.27	68	52	11.80	7.20	11	20	5.77	4.6		3.6		0.89	7.7	0.78	
7	Mon	5.5		0.37			0.00	7.59	94	87	10.33	7.44	73	64	10.57	7.44	15	23	5.72	5.0		3.8		0.60	8.9	0.61	
8	Tue	4.7					0.00	7.43	68	64	11.16	7.14	63	62	12.08	7.09	16	26	6.16	4.6	60	3.7		0.78	8.3	0.76	
9	Wed	4.4					0.00	7.48	83	56	12.45	7.26	56	46	13.23	7.20	13	22	6.11	4.7		3.8		0.93	8.3	0.87	
10	Thu	2.7					0.00	7.66	190	104	20.51	7.20	88	50	18.97	7.05	13	12	8.49	4.7		2.5		1.71	8.2	2.09	
11	Fri	2.7					0.00	7.59	165	112	22.65	7.16	108	56	24.75	6.99	11	17	13.40	4.8		3.0		1.90	8.1	2.01	
12	Sat	2.4	3.8				0.00	7.48	165	100	23.39	7.25	101	54	21.68	7.20	12	13	8.84	4.9		3.8		2.67	8.1	2.43	
13	Sun	2.4					0.00	7.66	193	94	26.30	7.13	117	60	25.20	7.16	13	20	10.46	4.9		3.8		2.59	8.1	2.35	
14	Mon	2.5					0.00	7.32	175	120	27.17	7.25	116	62	23.73	7.12	11	17	9.14	4.8		3.8		2.38	8.1	2.17	
15	Tue	2.3					0.00	7.65	180	116	26.85	7.23	103	66	25.09	7.09	10	17	9.38	4.8		3.8		2.69	8.2	2.53	
16	Wed	2.8					0.00	7.59	210	144	23.61	7.23	125	54	21.47	7.03	12	20	9.08	4.8		3.8		2.02	8.2	1.89	60
17	Thu	2.3					0.00	7.71	220	230	28.66	7.29	88	60	24.99	7.16	9	16	7.73	4.8		3.8		2.77	8.2	2.60	
18	Fri	2.1					0.00	7.65	240	180	30.16	7.29	114	69	26.67	7.09	12	17	8.34	4.9		3.8		3.08	8.1	2.80	
19	Sat	2.4	2.4				0.00	7.69	173	110	25.34	7.30	138	72	24.90	7.19	12	20	7.84	4.9		3.8		2.66	8.1	2.39	
20	Sun	5.7		0.57		4.6	0.00	7.30	82	196		7.25	69	108		7.21	18	37		5.5		3.8		0.64	9.3	0.62	
21	Mon	3.3		0.03			0.00	7.38	155	93	19.14	7.14	88	54	16.45	7.02	10	13	5.18	4.7		3.1		1.33	8.0	1.41	
22	Tue	2.0					0.00	7.64	275	134	28.75	7.34	115	58	24.00	7.15	13	12	7.53	4.3		2.9		2.67	8.2	3.20	80
23	Wed	2.3					0.00	7.63	185	115	27.43	7.31	133	48	23.16	7.11	16	20	9.64	4.7		3.8	240	2.79	8.2	2.64	
24	Thu	3.3					0.00	7.49	170	188	19.44	7.40	95	62	18.41	7.08	13	17	6.96	4.7		3.8		1.57	8.2	1.49	
25	Fri	2.2					0.00	7.62	170	206	28.53	7.26	103	60	22.05	6.92	11	13	6.14	4.8		3.8		2.84	8.1	2.60	
26	Sat	2.2	3.0				0.00	7.54	188	106	27.58	7.22	128	48	25.88	7.08	12	11	8.33	4.8		3.8		2.95	8.1	2.70	
27	Sun	2.5					0.00	7.33	175	104	23.68	7.13	110	62	22.22	6.91	12	15	6.51	4.8		3.8		2.43	8.1	2.21	
28	Mon	2.6					0.00	7.66	215	128	27.03	7.29	134	62	24.92	7.10	13	17	7.39	4.7		3.8		2.32	8.1	2.13	
29	Tue	2.4					0.00	7.56	150	116	24.21	7.28	89	118	21.19	7.07	10	8	5.76	4.7		3.8		2.51	8.2	2.42	
30	Wed	5.2		0.73		5.4	0.00	7.42	88	149	8.70	7.30	64	104	10.75	7.14	21	40	5.51	5.4		3.8		0.76	9.3	0.78	75
AVERAGE		3.2		0.12		0.7	0.00	7.57	158	128	21.65	7.25	97	67	20.27	7.10	13	20	8.01	4.8	2	3.5	22	1.89	8.3	1.86	7
MAXIMUM		7.5	3.8	1.78		10.3	0.04	7.81	275	236	30.16	7.44	138	160	26.67	7.44	21	45	13.40	6.2	60	3.8	405	3.08	10.2	3.20	80
MINIMUM		2.0		0.03		0.0	0.00	7.30	65	48	7.64	7.11	55	46	10.57	6.89	9	8	5.04	4.3	60	2.3	240	0.30	7.7	0.36	60
# OF DATA		30		6		30	30	30	30	30	29	30	30	30	29	30	30	30	29	30	1	30	2		30		3
TOTAL		97		3.69		21	0	227	4735	3837	628	217	2911	2013	588	213	388	586	232	145	60	105	645		249		215

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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	Tue	2.1	7.24	3		57		4		69		0.26		5		9.9		1.80	7	< 0.006
2	Wed	2.2	7.05	3		69		3		52		0.29		6		9.5		1.76	8	< 0.006
3	Thu	2.8	7.26	3		66		14		365		3.67		98		9.4		1.41	4	< 0.006
4	Fri	6.9	6.85	6		355		13		809		0.45		28		9.1		1.85	70	< 0.006
5	Sat	4.5	7.38	4	3	150	118	9	7	335	262	0.55	0.91	22	26	10.9		2.04	14	< 0.006
6	Sun	4.1	7.33	2		87		6		199		0.28		10		11.2		1.84	20	< 0.006
7	Mon	5.2	7.45	5		206		7		321		0.33		15		10.3		2.00	55	< 0.006
8	Tue	4.5	7.09	5		180		7		284		0.26		10		10.3		2.08	110	< 0.006
9	Wed	4.2	7.02	4		136		6		221		0.23		8		9.8		1.76	10	< 0.006
10	Thu	2.5	7.25	3		62		3		61		0.36		8		10.6		1.34	4	< 0.006
11	Fri	2.5	7.12	4		79		4		90		0.41		9		9.9		2.11	1	< 0.006
12	Sat	2.2	7.20	3	4	61	116	5	5	89	181	0.47	0.33	9	10	9.9		2.25	0	< 0.006
13	Sun	2.2	7.27	11		217		4		86		0.47		9		9.9		2.46	0	< 0.006
14	Mon	2.3	7.14	3		66		4		74		0.32		7		9.7		2.23	2	< 0.006
15	Tue	2.1	7.30	2		44		6		111		<0.20		2		9.4		2.66	2	< 0.006
16	Wed	2.6	7.26	2		47		5		107		0.42		10		8.9		1.82	1	< 0.006
17	Thu	2.1	7.20	2		44		2		38		0.41		8		9.3		2.33	2	< 0.006
18	Fri	1.9	7.27	2		37		4		71		0.23		4		9.8		2.44	0	< 0.006
19	Sat	2.2	7.48	< 2	3	20	68	5	4	89	82	<0.20	0.29	2	6	9.4		1.98	0	< 0.006
20	Sun	5.3	7.25	5		214		14		667						9.3		2.01	63	< 0.006
21	Mon	3.2	7.04	3		72		6		153		<0.20		3		9.0		1.80	27	< 0.006
22	Tue	2.1	7.22	2		36		2		29		0.25		4		9.7		1.86	4	< 0.006
23	Wed	2.1	7.12	< 2		19		5		94		0.33		6		10.3		1.80	3	< 0.006
24	Thu	3.1	7.12	2		64		6		173		0.47		13		10.0		2.27	7	< 0.006
25	Fri	2.0	7.07	< 2		19		3		56		0.55		10		9.9		2.33	8	< 0.006
26	Sat	2.0	7.04	< 2	2	18	63	2	5	36	172	<0.20	0.26	2	5	9.6		2.31	0	< 0.006
27	Sun	2.3	7.07	2		50		5		94		0.33		7		9.4		1.74	4	< 0.006
28	Mon	2.4	7.30	2		51		5		107		<0.20		2		9.2		2.81	3	< 0.006
29	Tue	2.2	7.25	4		72		3		65		1.05		21		9.2		1.30	5	< 0.006
30	Wed	4.9	7.30	5		214		15		655		0.51		22		9.2		1.96	18	< 0.006
AVERAGE		3.0	7.20	3		94		6		187		0.46		12		9.7		2.01	5	< 0.006
MAXIMUM		6.9	7.48	11	4	355	118	15	7	809	262	3.67	0.91	98	26	11.2		2.81	110	< 0.006
MINIMUM		1.9	6.85	<2		18		2		29		<0.20		2		8.9		1.30	0	< 0.006
# OF DATA		30	30	30		30		30		30		29		29		30		30	30	30
TOTAL		91	216	94		2813		172		5599		13		361		292.0		60.35	452	< 0.006

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LaPorte Wastewater Treatment Plant

2101 Boyd Boulevard

LaPorte IN, 46350

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Permit # IN0025577

Certified Operator : Jerry P. Jackson

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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 Times per day	Sludge to Headworks (gal x 1000)		
1	Tue	60	10			20	0	326	6	4	184		
2	Wed	140	200	47		20	0	323	6	4	188		
3	Thu	85	85			20	0	325	6	4	186		
4	Fri	295	175		41	31	0	333	6	1	77		
5	Sat	134	182			20	0	329	6	4	193		
6	Sun	101	86			19	0	327	4	4	157		
7	Mon	167	89			19	0	326	6	4	201		
8	Tue	120	100	54	27	20	0	331	6	4	184		
9	Wed	120	60			20	0	341	6	4	194		
10	Thu	70	136			20	0	337	6	4	191		
11	Fri	75	35			20	11	330	6	4	185		
12	Sat	73	56			20	0	322	6	4	182		
13	Sun	76	35			20	0	321	6	4	186		
14	Mon	74	38	27	27	20	0	319	6	4	186		
15	Tue	55	30			19	0	315	6	4	181		
16	Wed	110	60			20	0	334	6	4	180		
17	Thu	87	60			20	0	336	6	4	178		
18	Fri	71	46			20	0	332	6	5	186		
19	Sat	72	40			20	0	327	6	4	186		
20	Sun	190	97			26	0	330	6	2	102		
21	Mon	150	83		2	20	0	321	6	4	178		
22	Tue	80	50			23	0	339	6	4	184		
23	Wed	70	40			20	0	338	6	4	185		
24	Thu	111	55			20	0	333	6	4	186		
25	Fri	69	59		2	20	0	325	6	4	181		
26	Sat	73	116			20	0	320	6	4	187		
27	Sun	79	95			20	0	322	6	4	184		
28	Mon	88	75			20	0	323	6	4	183		
29	Tue	70	30			20	0	324	6	4	185		
30	Wed	170	90		2	26	0	330	6	3	131		
AVERAGE		105	77	4	3	21	0	328	6	4	176		
MAXIMUM		295	200	54	41	31	11	341	6	5	201		
MINIMUM		55	10	27	2	19	0	315	4	1	77		
# OF DATA		30	30	3	6	30	30	30	30	30	30		
TOTAL		3135	2313	128	100	616	11	9839	178	127	5291		

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	Tue								96				96	11				19		1.1	0
2	Wed								96				96	19				53		1.0	0
3	Thu								96				96	14				36		1.0	0
4	Fri								96				96	31				77		1.0	0
5	Sat								96				96	14				37		1.0	0
6	Sun								96				96	18				44		0.9	0
7	Mon		4.49	66.5	6.89	2.66	45.0	7.00	95	2.73	47.7	6.93	96	29	5.36	54.4	6.94	32		1.0	25
8	Tue								96				96	20				48		0.9	0
9	Wed								96				96	11				43		0.9	0
10	Thu								96				96	22				68		0.9	0
11	Fri								96				96	31				80		1.0	0
12	Sat								96				96	23				59		0.9	0
13	Sun								96				96	12				46		0.8	0
14	Mon		2.96	70.0	649.00	1.81	60.9	6.76	96	2.21	54.7	7.05	96	21	5.95	54.7	7.01	33		0.7	17
15	Tue								96				96	25				58		0.7	0
16	Wed								96				96	18				50		0.6	0
17	Thu								96				96	20				59		0.6	0
18	Fri								96				96	10				40	0.21	0.6	0
19	Sat								96				96	29				30		0.6	25
20	Sun								96				96	47				24		0.6	64
21	Mon		4.01	66.5	6.97	2.55	54.6	6.73	96	2.13	54.7	7.18	96	13	3.07	50.2	6.88	23		0.5	1
22	Tue								96				96	15				24		0.5	0
23	Wed								96				96	10				24		0.5	0
24	Thu								96				96	12				24		0.5	0
25	Fri								96				96	12				30		0.5	0
26	Sat								96				96	12				47		0.4	0
27	Sun								96				96	17				52		0.4	0
28	Mon		5.12	64.1	6.82	1.82	56.4	6.95	96	1.88	53.6	7.02	96	29	5.50	54.4	6.85	40		0.3	20
29	Tue								96				96	10				23		0.3	0
30	Wed								96				96	20				62		0.3	0
AVERAGE			4.15	66.8	167.42	2.21	54.2	6.86	96	2.24	52.7	7.05	96	19	4.97	53.4	6.92	43	0.21	0.7	5
MAXIMUM			5.12	70.0	649.00	2.66	60.9	7.00	96	2.73	54.7	7.18	96	47	5.95	54.7	7.01	80	0.21	1.1	64
MINIMUM			2.96	64.1	6.82	1.81	45.0	6.73	95	1.88	47.7	6.93	96	10	3.07	50.2	6.85	19	0.21	0.3	0
# OF DATA			4	4	4	4	4	4	30	4	4	4	30	30	4	4	4	30	1	30	30
TOTAL			17	267	670	9	217	27	2876	9	211	28	2878	575	20	214	28	1285	0	21	153

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## NPDES LIMITS AND ANALYSIS

### Metals and Cyanide Analysis

INFLUENT										EFFLUENT						
Method: 24 hour composite										Site: Post Cl2 Tank						
Sample Characteristics		Cd	Cr	Cu	Pb	Ni	Zn	CN-	Cd	Cr	Cu	Pb	Ni	Zn	CN-	
Sample Number		CO1027	CO1032	CO1042	CO1051	CO1074	CO1092	CO0720	CO1027	CO1032	CO1042	CO1051	CO1074	CO1092	CO0720	
Sample Type	Permit Condition	24 Hour	Grab	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	Grab	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	
	Monitored	24 Hour	Grab	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	Grab	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	
Frequency	Permit Condition	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	4-31 Days	
	Monitored	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	4-31 Days	
Parameter	Daily Maximum								0.005	0.940	0.055	0.020	0.160	0.500	0.016	
	Limits								0.002	0.400	0.024	0.010	0.070	0.200	0.016	
1st Date :	April 2nd, 2003	0.0007	0.007	0.110	0.007	0.006	0.090	<0.005	<0.0002	<0.005	0.031	0.002	0.007	0.030	0.008	
2nd Date :	April 10th, 2003														<0.005	
3rd Date :	April 16th, 2003	<0.0002	0.007	0.095	0.002	<0.002	0.064	<0.005	<0.0002	<0.005	0.029	<0.001	0.004	0.035	0.005	
4th Date :	April 23rd, 2003														<0.005	
5th Date :	April 30th, 2003														<0.005	
Number of times Limit											*See Note					
Value exceeded:		NA	NA	NA	NA	NA	NA	NA	0	0	1	0	0	0	0	
Average		0.0004	0.007	0.103	0.005	0.004	0.077	<0.003	<0.0001	<0.003	0.030	0.001	0.006	0.033	0.004	
Maximum		0.0007	0.007	0.110	0.007	0.006	0.090	<0.005	<0.0002	<0.005	0.031	0.002	0.007	0.035	0.008	

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

### Other Permit Analysis

	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Daily		Daily Max	Mnthly Av	
	FLOW	Average	CBOD	Average	CBOD	Average	TSS	Average	TSS	Average	NH3-N	Average	NH3-N	Average	Dissolved	pH	Chlorine	Escherichia	Escherichia
	in	in	in	in	in	in	in	in	in	in	in	in	in	in	mg/L	mg/L	Residual	Coliform	Coliform
	MGD	MGD	mg/L	mg/L	lbs/Day	lbs/Day	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	(Colonies	(Colonies
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	/100mL)	/100mL)
Limit	None	None	40	25	2335	1460	45	30	2627	1751	2.70	1.80	158	105	6.0	6-9	0.01	235	125
Times Violated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Max	3.8	3.2	4	3	118	94	7	6	262	187	0.91	0.46	26	12	8.9	7.48	< 0.006	110	5
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-03  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

Page 6 of 6  
 Permit # IN0025577  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

Total lbs Volatile Solids to Digester 4,738

Overall Percent Removal of Volatile Solids 42.9%

#### Monthly Removal Summary

Percent Removal	CBOD	TSS	AMMONIA
Primary Treatment	39%	48%	6%
Secondary Treatment	87%	71%	60%
Tertiary Treatment	76%	71%	94%
Overall Treatment	98%	96%	98%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 25,155

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 458

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	6.2	1.6	3.8
Secondary Settling Tank	4.6	1.2	2.8
Final Settling Tank	14.4	3.8	8.6
Total Plant Retention Time	25.2	6.6	15.2

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

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,078

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	933	244	406
Secondary Settling Tank	1232	322	536
Final Settling Tank	628	164	273

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 25

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

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

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	18	5	8
Secondary Settling Tank	15	4	6
Final Settling Tank	14	4	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:

April 20, 2003 - Due to laboratory error in not preserving samples, there were no ammonia results for Influent, Primary, Secondary of Effluent samples. Procedure for insuring proper sample collection and preservation have been reinforced along with an additional signature box showing which lab personnel collected and preserved the sample.

April 1st & 2nd, 2003 - Sulfur Dioxide weight scale measurements erratic. SCADA record of sulfur dioxide controller output and chlorine residual measurements indicate that the feed equipment was operating properly.

April 2nd, 9th, 16th, 30th, 2003 - Successful emergency power load test

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 1																		
Facility: <b>La Porte Wastewater Treatment Facility</b>					Permit Number: <b>IN0025577</b>																		
Monitoring Period: (MM/DD/YY to MM/DD/YY)			04/01/2003 04/30/2003		Check box if no CSO discharge occurred for the month:																		
Design Peak Inf. Flow(MGD)		<b>9.7</b>			Measured/Metered (M) or Estimated (E) must be specified.(Please attach methods used.)																		
					CSO Outfall No. <b>002</b>						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	Tue		2.35	4.01																			
2	Wed		2.50	4.18																			
3	Thu	0.21	3.19	6.88																			
4	Fri	1.78	7.46	10.09	19:47		4.2	M	0.04	M													
5	Sat		4.73	6.79	0:00		5.4	M	0.01	M													
6	Sun		4.33	5.33																			
7	Mon	0.37	5.50	8.28																			
8	Tue		4.70	6.42																			
9	Wed		4.41	5.23																			
10	Thu		2.66	4.58																			
11	Fri		2.69	5.18																			
12	Sat		2.36	4.11																			
13	Sun		2.41	4.83																			
14	Mon		2.54	3.87																			
15	Tue		2.32	3.77																			
16	Wed		2.84	4.70																			
17	Thu		2.28	4.58																			
18	Fri		2.13	2.81																			
19	Sat		2.38	4.55																			
20	Sun	0.57	5.71	10.12																			
21	Mon	0.03	3.33	5.12																			
22	Tue		1.95	2.92																			
23	Wed		2.25	3.04																			
24	Thu		3.31	5.32																			
25	Fri		2.24	4.54																			
26	Sat		2.18	3.26																			
27	Sun		2.51	4.10																			
28	Mon		2.57	4.84																			
29	Tue		2.41	4.82																			
30	Wed	0.73	5.24	10.09																			
31																							
Totals:		3.69	n/a	n/a	n/a		9.6		0.05														
Typed or Printed Name and Title of Principal Executive Officer of Authorized Agent															Telephone								
<b>Jerry P Jackson, Superintendent</b>															<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>04/01/2004</b>								