

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: May-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	Thu	7.0		0.99		6.7	0.00	7.14	73	128	8.40	6.63	55	80	9.27	6.71	13	30	5.08	5.8			3.8	0.36	9.8	0.40		
2	Fri	4.6		0.01			0.00	7.45	72	68	12.36	6.91	57	44	12.36	6.98	11	15	5.31	4.8			3.8	0.87	8.0	0.73		
3	Sat	4.2	4.1				0.00	7.38	73	52	14.31	7.14	58	50	15.88	7.19	6	17	6.79	4.8			3.8	1.03	8.0	0.89		
4	Sun	4.5		0.65		1.5	0.00	7.42	83	66	14.61	7.25	72	54	16.83	7.08	10	19	6.45	5.0			3.8	0.92	8.2	0.81		
5	Mon	6.8		0.57		5.7	0.00	7.46	52	53	6.33	7.14	45	58	7.58	6.91	10	25	3.55	5.5			3.8	0.38	9.3	0.38		
6	Tue	4.4					0.00	7.49	73	72	14.58	7.24	69	46	15.24	7.00	10	16	6.06	4.8	45		3.8	0.96	7.1	0.63		
7	Wed	5.2		0.36		2.1	0.00	7.46	113	234	12.36	7.27	54	78	14.68	7.09	11	26	7.00	5.3			3.8	0.74	8.9	0.69	60	
8	Thu	4.6		0.01			0.00	7.47	88	94	13.72	7.22	60	62	14.68	7.03	11	21	5.87	4.8			3.8	0.88	8.3	0.79		
9	Fri	6.6		1.51		5.3	0.58	7.37	70	86	7.55	7.10	49	71	10.17	6.80	9	29	4.66	5.7			3.8	0.44	9.6	0.45		
10	Sat	4.7	5.3	0.06			0.00	7.48	77	68	12.05	7.16	70	54	13.40	6.94	11	19	5.45	4.9			3.8	0.85	8.1	0.71		
11	Sun	5.8		0.34			0.00	7.59	93	66	10.94	7.22	55	48	11.83	7.23	12	17	5.36	5.4			3.8	0.60	9.0	0.57		
12	Mon	4.9		0.07			0.00	7.64	82	59	11.86	7.21	61	46	10.60	7.15	15	25	4.88	4.8		330	3.9	0.76	8.1	0.64		
13	Tue	4.6					0.00	7.71	109	324	12.86	7.36	58	48	12.89	7.13	13	21	4.92	4.8			3.8	0.87	8.3	0.79	60	
14	Wed	5.1		0.21		0.7	0.00	7.68	111	96	13.45	7.32	68	58	15.28	7.01	14	22	6.91	4.9			3.8	0.72	8.6	0.68		
15	Thu	3.4					0.00	7.68	113	90	16.90	7.24	69	60	18.49	6.94	12	22	7.00	4.7			2.9	1.28	8.3	1.46		
16	Fri	2.6					0.00	7.68	205	90	26.06	7.24	103	55	28.39	7.06	13	17	12.01	4.8			2.5	1.86	8.1	2.16		
17	Sat	2.7	4.1				0.00	7.68	140	68	23.64	7.22	101	42	23.30	7.11	11	12	7.66	4.8			3.6	2.17	8.1	2.03		
18	Sun	2.1					0.00	7.60	180	84	27.87	7.26	115	52	27.15	7.06	11	11	7.81	4.8			3.8	3.20	8.1	2.92		
19	Mon	3.0					0.00	7.45	165	115	21.43	7.28	98	64	21.00	7.08	12	23	7.49	4.7			3.9	1.90	8.1	1.73		
20	Tue	6.3		0.57		2.3	0.00	7.43	88	94	9.29	7.17	68	76	9.55	6.95	21	35	5.06	5.6			3.9	0.50	9.9	0.57	60	
21	Wed	3.9					0.00	7.60	90	91	14.88	7.37	58	56	14.69	7.15	10	24	6.21	4.8			3.4	1.12	8.2	1.13		
22	Thu	3.9					0.00	7.67	160	144	25.02	7.29	93	64	24.21	7.11	9	16	7.35	4.8			3.4	1.12	8.2	1.13		
23	Fri	3.0					0.00	7.72	160	142	28.55	7.32	99	66	26.35	7.03	10	14	8.09	4.6			3.2	1.61	8.1	1.69		
24	Sat	2.2	3.5				0.00	7.62	163	82	28.82	7.33	104	56	27.31	7.29	8	12	7.29	4.9			3.9	3.06	8.1	2.76		
25	Sun	3.0					0.00	7.41	108	66	20.40	7.22	68	46	17.98	7.19	10	15	5.37	4.8			4.0	1.92	8.1	1.68		
26	Mon	2.1					0.00	7.65	225	119	28.21	7.30	113	64	26.52	7.17	12	18	6.81	4.8			3.9	3.04	8.1	2.80		
27	Tue	3.1					0.00	7.43	195	100	22.06	7.29	101	50	19.59	7.15	13	16	5.90	4.7			3.9	1.83	8.2	1.69		
28	Wed	2.4		0.08			0.00	7.68	210	224	31.08	7.39	128	90	27.56	7.04	14	30	8.88	4.7			3.9	2.64	8.3	2.50		
29	Thu	2.8					0.00	7.42	235	154	26.67	7.41	91	54	24.43	7.23	13	16	8.22	4.7			3.9	2.07	8.3	1.97		
30	Fri	2.9		0.38		2.1	0.00	7.68	190	134	27.88	7.33	101	47	28.73	6.94	12	14	9.18	5.0			3.8	2.05	8.4	1.91		
31	Sat	3.7	2.9	0.04			0.00	7.17	121	56	15.57	6.90	62	42	14.53	6.65	15	21	4.51	4.9			3.9	1.35	8.2	1.18		
AVERAGE		4.1		0.19		0.8	0.02	7.53	126	107	18.05	7.22	77	57	18.08	7.04	12	20	6.55	5.0	1		3.7	1.39	8.4	1.31	6	
MAXIMUM		7.0	5.3	1.51		6.7	0.58	7.72	235	324	31.08	7.41	128	90	28.73	7.29	21	35	12.01	5.8	45		4.0	330	3.20	9.9	2.92	60
MINIMUM		2.1		0.01		0.0	0.00	7.14	52	52	6.33	6.63	45	42	7.58	6.65	6	11	3.55	4.6	45		2.5	330	0.36	7.1	0.38	60
# OF DATA		31		15		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1		31	1		31		3
TOTAL		126		5.85		26	1	233	3917	3319	560	224	2402	1781	560	218	363	617	203	153	45		115	330		260		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	Thu	6.5	6.79	5		305		16		909		0.29		17		9.2		2.25	42	< 0.006
2	Fri	4.3	6.83	3		108		4		135		0.22		9		9.5		1.45	4	< 0.006
3	Sat	3.9	7.24	2	3	74	125	4	7	141	301	<0.20	0.37	4	12	9.5		1.94	4	< 0.006
4	Sun	4.2	7.33	< 2		38		6		218		0.44		17		9.5		2.24	12	< 0.006
5	Mon	6.3	7.07	4		243		14		792		0.40		23		9.5		2.21	20	< 0.006
6	Tue	4.1	7.33	2		87		4		128		<0.20		4		9.1		1.94	6	< 0.006
7	Wed	4.8	7.54	4		153		12		504		0.27		12		8.8		2.41	45	< 0.006
8	Thu	4.4	7.19	2		85		8		307		0.37		14		8.9		2.10	6	< 0.006
9	Fri	6.3	7.03	4		226		14		772		0.27		15		9.4		1.94	25	< 0.006
10	Sat	4.5	7.13	3	3	106	134	6	9	216	419	0.51	0.34	20	15	8.8		1.93	39	< 0.006
11	Sun	5.5	7.26	4		173		6		277		0.29		14		9.0		1.97	10	< 0.006
12	Mon	4.6	7.15	4		159		9		367		<0.20		4		9.0		1.99	23	< 0.006
13	Tue	4.2	7.32	5		173		35		1355		0.28		11		9.3		2.40	23	< 0.006
14	Wed	4.8	7.12	4		166		7		297		0.42		18		9.5		2.17	14	< 0.006
15	Thu	3.2	7.19	3		90		11		316		0.39		11		9.2		2.13	1	< 0.006
16	Fri	2.4	7.17	3		66		3		64		0.39		8		9.2		1.82	0	< 0.006
17	Sat	2.5	7.40	2	4	53	126	3	11	56	390	0.32	0.31	7	10	9.0		1.72	1	< 0.006
18	Sun	1.9	7.43	4		65		5		77		<0.20		2		9.1		1.60	0	< 0.006
19	Mon	2.8	7.40	10		247		46		1138		0.31		8		8.8		1.70	4	< 0.006
20	Tue	5.9	7.30	8		415		19		1015		0.86		45		9.0		2.38	150	< 0.006
21	Wed	3.6	7.27	7		210		27		882		0.61		20		9.3		1.95	27	< 0.006
22	Thu	2.3	7.26	4		129		15		474		0.35		11		8.4		2.11	4	< 0.006
23	Fri	2.1	7.53	2		55		5		126		0.38		9		9.7		2.58	2	< 0.006
24	Sat	1.9	7.63	< 2	5	18	163	3	17	54	538	<0.20	0.39	2	14	9.0		2.23	1	< 0.006
25	Sun	2.9	7.59	3		63		7		182		0.21		5		9.0		1.58	36	< 0.006
26	Mon	2.0	7.44	4		66		10		178		0.24		4		9.2		1.92	4	< 0.006
27	Tue	2.9	7.39	4		94		7		178		0.32		8		8.8		2.24	12	< 0.006
28	Wed	2.2	7.35	3		51		10		187		0.39		8		8.8		1.95	3	< 0.006
29	Thu	2.7	7.42	4		93		6		146		0.56		13		9.1		1.95	10	< 0.006
30	Fri	2.7	6.98	3		77		5		121		0.56		14		9.1		1.74	11	< 0.006
31	Sat	3.6	6.83	5	4	169	88	10	8	297	184	0.53	0.40	17	10	9.1		1.97	12	< 0.006
AVERAGE		3.7	7.26	4		131		11		384		0.34		12		9.1		2.02	8	< 0.006
MAXIMUM		6.5	7.63	10	5	415	163	46	17	1355	538	0.86	0.40	45	15	9.7		2.58	150	< 0.006
MINIMUM		1.9	6.79	<2		18		3		54		<0.20		2		8.4		1.45	0	< 0.006
# OF DATA		31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		116	225	115		4059		333		11907		11		372		282.8		62.51	551	< 0.006

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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	Thu	229	117			28	0	330	6	2	98		
2	Fri	144	87	54		16	0	335	6	4	180		
3	Sat	147	67			22	0	348	6	4	183		
4	Sun	158	63			23	0	342	6	4	169		
5	Mon	190	78			29	0	338	6	3	131		
6	Tue	160	80			33	0	331	6	4	182		
7	Wed	160	60	54	27	33	0	328	6	4	175		
8	Thu	150	112			32	0	335	6	4	176		
9	Fri	200	140			33	0	337	6	3	117		
10	Sat	143	80			32	0	334	6	4	171		
11	Sun	209	114			33	0	333	6	4	153		
12	Mon	168	80			24	0	335	6	4	171		
13	Tue	120	60	54		33	0	333	6	4	168		
14	Wed	200	80			32	0	327	6	4	176		
15	Thu	95	85			33	0	327	6	4	170		
16	Fri	79	45			33	11	326	6	4	168		
17	Sat	80	41			28	0	322	6	4	168		
18	Sun	74	29			23	0	319	6	4	168		
19	Mon	92	66		34	23	0	319	6	4	166		
20	Tue	260	100			28	0	321	6	4	140		
21	Wed	120	66			23	0	334	6	4	167		
22	Thu	105	48			23	0	334	6	5	196		
23	Fri	83	40			23	0	332	6	4	169		
24	Sat	78	34		27	23	0	328	6	4	168		
25	Sun	109	50			23	0	326	6	4	168		
26	Mon	85	28			23	0	323	6	4	168		
27	Tue	100	40			23	0	325	6	4	170		
28	Wed	100	40			23	0	326	6	4	167		
29	Thu	106	34			23	0	328	6	4	169		
30	Fri	114	52	47	27	24	13	329	6	4	165		
31	Sat	133	74			27	0	332	6	4	155		
AVERAGE		135	67	7	4	27	1	330	6	4	164		
MAXIMUM		260	140	54	34	33	13	348	6	5	196		
MINIMUM		74	28	47	27	16	0	319	6	2	98		
# OF DATA		31	31	4	4	31	31	31	31	31	31		
TOTAL		4191	2090	209	115	824	24	10240	186	132	5093		

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		
<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	Thu								96				96	30				87			0.2	
2	Fri								96				96	11				28			0.2	
3	Sat								96				96	19				63	0.20		0.2	0
4	Sun								96				96	23				68			0.3	0
5	Mon		0.96	74.7	6.22	2.20	48.6	6.99	96	2.02	55.0	7.05	96	27	5.38	52.1	6.95	47			0.6	15
6	Tue								96				96	26				81			0.6	
7	Wed								96				96	33				91			0.5	
8	Thu								96				96	25				77			0.5	
9	Fri								96				96	32				93	0.20		0.6	0
10	Sat								96				96	30				85			0.7	
11	Sun								96				96	30				86	0.16		0.9	
12	Mon		4.33	66.6	6.79	1.59	48.6	6.64	96	3.12	50.6	6.92	96	34	5.79	49.3	6.91	38			1.0	28
13	Tue								96				96	20				53			1.1	
14	Wed								96				96	32				93			1.0	0
15	Thu								96				96	28				86			0.9	0
16	Fri								96				96	45				110			0.8	
17	Sat								96				96	27				82			0.8	
18	Sun								96				96	22				58			0.7	
19	Mon		1.30	64.5	6.38	1.40	44.9	6.87	96	4.51	55.5	6.93	96	29	6.23	55.0	6.93	20			0.5	30
20	Tue								96				96	11				16			0.5	
21	Wed								96				96	20				57			0.4	
22	Thu								96				96	19				68			0.4	
23	Fri								96				96	14				46			0.4	
24	Sat								96				96	20				50			0.4	
25	Sun								96				96	27				59	0.18		0.4	
26	Mon		2.81	68.3	6.67	4.34	50.0	6.64	96	4.57	52.5	6.73	96	28	5.43	49.6	6.85	31			0.4	25
27	Tue								96				96	16				26			0.3	
28	Wed								96				96	19				52			0.6	
29	Thu								96				96	23				52			0.7	
30	Fri								96				96	32				71			0.5	
31	Sat								96				96	18				56			0.3	
AVERAGE			2.35	68.5	6.52	2.38	48.0	6.79	96	3.56	53.4	6.91	96	25	5.71	51.5	6.91	62	0.19		0.6	3
MAXIMUM			4.33	74.7	6.79	4.34	50.0	6.99	96	4.57	55.5	7.05	96	45	6.23	55.0	6.95	110	0.20		1.1	30
MINIMUM			0.96	64.5	6.22	1.40	44.9	6.64	96	2.02	50.6	6.73	96	11	5.38	49.3	6.85	16	0.16		0.2	
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	4	4	4	31	4		31	31
TOTAL			9	274	26	10	192	27	2981	14	214	28	2975	768	23	206	28	1927	1		17	98

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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 Limits	Daily Maximum									0.005	0.940	0.055	0.020		0.160	0.500	0.016
	Monthly Average									0.002	0.400	0.024	0.010		0.070	0.200	0.016
1st Date : May 7th, 2003		0.0007	0.007	0.100	0.012		0.008	0.110	<0.005	<0.0002	<0.005	0.050	0.003		0.007	0.060	<0.005
2nd Date : May 13th, 2003																	<0.005
3rd Date : May 21st, 2003		<0.0002	<0.005	0.083	0.010		0.009	0.076	<0.005	<0.0002	<0.005	0.034	0.006		0.005	0.043	0.005
4th Date : May 28th, 2003																	<0.005
5th Date																	
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	0	0	1	0		0	0	0
Average		0.0004	0.005	0.092	0.011		0.009	0.093	<0.003	<0.0001	<0.003	0.042	0.005		0.006	0.052	0.003
Maximum		0.0007	0.007	0.100	0.012		0.009	0.110	<0.005	<0.0002	<0.005	0.050	0.006		0.007	0.060	0.005

\* 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		Chlorine	Daily Max	Mnthly Av
	FLOW	Average	CBOD	Average	CBOD	Average	TSS	Average	TSS	Average	NH3-N	Average	NH3-N	Average	Dissolved	pH	Residual	Escherichia	Escherichia
	in	in	in	in	in	in	in	in	in	in	in	in	in	in	mg/L	mg/L	in	(Colonies	(Colonies
	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	/100mL)	/100mL)
Limit	None	None	30	20	1751	1168	36	24	2102	1401	2.40	1.60	140	95	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	5.3	4.1	5	4	163	131	17	11	538	384	0.40	0.34	15	12	8.4	7.63	< 0.006	150	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: May-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 3,572

Overall Percent Removal of Volatile Solids 51.2%

#### Monthly Removal Summary

Percent Removal	CBOD	TSS	AMMONIA
<b>Primary Treatment</b>	39%	46%	-0%
<b>Secondary Treatment</b>	85%	65%	64%
<b>Tertiary Treatment</b>	68%	46%	95%
<b>Overall Treatment</b>	97%	90%	98%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 25,181

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 468

Detention Time (Hours)	Maximum	Minimum	Average
<b>Primary Settling Tank</b>	5.9	1.7	3.0
<b>Secondary Settling Tank</b>	4.3	1.3	2.2
<b>Final Settling Tank</b>	13.6	4.0	6.9
<b>Total Plant Retention Time</b>	23.9	7.0	12.1

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 85

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,090

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 24

Surface Flow Rate	Maximum	Minimum	Average
<b>Gallons per sq ft per Day</b>			
<b>Primary Settling Tank</b>	879	258	508
<b>Secondary Settling Tank</b>	1161	341	670
<b>Final Settling Tank</b>	592	174	342

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

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

Weir OverFlow Rate	Maximum	Minimum	Average
<b>1000 Gal per ft per Day</b>			
<b>Primary Settling Tank</b>	17	5	10
<b>Secondary Settling Tank</b>	14	4	8
<b>Final Settling Tank</b>	13	4	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:

May 6th, 29th, 27th - Successful load test of the emergency power generator

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) 05/01/2003 05/31/2003	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	Thu	0.99	7.03	10.04																			
2	Fri	0.01	4.61	5.36																			
3	Sat		4.22	4.97																			
4	Sun	0.65	4.55	10.01																			
5	Mon	0.57	6.78	10.13																			
6	Tue		4.37	5.05																			
7	Wed	0.36	5.25	9.98																			
8	Thu	0.01	4.61	5.53																			
9	Fri	1.51	6.61	10.06	5:15		18.7	M	0.58	M													
10	Sat	0.06	4.70	6.63	0:00		2.3	M	0.00	M													
11	Sun	0.34	5.77	8.80																			
12	Mon	0.07	4.90	7.13																			
13	Tue		4.61	5.12																			
14	Wed	0.21	5.09	9.80																			
15	Thu		3.36	6.81																			
16	Fri		2.56	4.86																			
17	Sat		2.67	3.74																			
18	Sun		2.06	2.82																			
19	Mon		2.97	5.11																			
20	Tue	0.57	6.30	10.07																			
21	Wed		3.88	5.03																			
22	Thu		3.88	5.03																			
23	Fri		3.01	3.77																			
24	Sat		2.16	3.47																			
25	Sun		3.01	4.74																			
26	Mon		2.14	3.58																			
27	Tue		3.05	5.28																			
28	Wed	0.08	2.36	4.87																			
29	Thu		2.80	5.22																			
30	Fri	0.38	2.90	10.04																			
31	Sat	0.04	3.74	9.89																			
Totals:		5.85	n/a	n/a	n/a		21.1		0.58														

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: **04/01/2004**