

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Sep-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 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	7.5		0.81		7.4	0.00	7.27	63	28	7.15	7.06	58	22	7.78	7.06	16	19	3.86	6.5		4.0		0.40	10.1	0.35	
2	Tue	4.3					0.00	7.53	92	66	14.54	7.41	71	66	14.67	6.92	14	23	5.70	5.0		4.1		1.09	8.3	0.93	
3	Wed	2.1					0.00	7.55	235	260	30.07	7.30	96	62	24.99	6.95	13	19	7.54	5.0		3.9		3.17	8.3	2.90	
4	Thu	2.3					0.00	7.67	205	170	29.71	7.45	104	78	32.19	7.02	14	12	10.70	4.9		3.9		2.85	8.3	2.63	
5	Fri	2.1					0.00	7.76	250	144	30.29	7.56	106	59	27.34	7.28	10	12	9.16	5.0		3.9		3.12	8.2	2.81	
6	Sat	1.9	3.4				0.00	7.65	203	104	30.40	7.40	119	66	27.34	7.30	12	13	9.33	5.0		3.8		3.63	8.2	3.28	
7	Sun	2.4					0.00	7.76	158	78	25.56	7.48	123	50	34.99	7.27	16	8	13.72	5.0		3.8		2.68	8.2	2.41	
8	Mon	2.8					0.00	7.57	215	125	25.54	7.47	116	60	25.95	7.16	14	13	10.83	4.9		4.0		2.18	16.4	4.82	45
9	Tue	2.1					0.00	7.43	230	180	31.03	7.29	120	80	26.71	7.08	13	18	9.55	4.9		3.9		3.11	8.3	2.89	
10	Wed	2.2					0.00	7.63	285	183	29.59	7.38	104	78	29.16	7.26	14	16	11.52	4.9		3.9		3.04	8.4	2.84	
11	Thu	2.4					0.00	7.61	190	198	28.76	7.40	102	62	27.82	7.29	12	15	11.10	4.9		3.9		2.71	8.4	2.54	
12	Fri	2.8					0.00	7.69	190	126	26.45	7.52	95	87	23.84	7.36	13	21	8.15	5.0		3.9		2.20	8.2	1.97	
13	Sat	2.1	2.4				0.00	7.79	210	112	29.86	7.48	138	78	27.28	7.38	11	18	8.15	5.0		3.8		3.26	8.2	2.96	
14	Sun	2.9		0.22		1.0	0.00	7.46	203	144	20.66	7.39	133	80	21.37	7.51	22	22	10.11	5.2		3.8		2.12	8.5	1.94	
15	Mon	2.9					0.00	7.77	185	134	25.56	7.53	110	76	23.74	7.42	14	13	9.49	5.0		3.8	360	2.08	8.2	1.87	
16	Tue	2.1					0.00	7.83	180	122	28.29	7.62	84	86	25.49	7.43	12	19	9.64	5.0		3.9		3.20	8.3	2.90	
17	Wed	2.6					0.00	7.88	150	121	25.89	7.62	95	62	24.97	7.34	12	16	9.11	5.0		3.9		2.34	8.3	2.15	
18	Thu	2.6					0.00	7.86	190	174	26.68	7.60	95	62	22.81	7.32	11	14	8.26	5.0		3.9		2.35	8.3	2.15	
19	Fri	2.3					0.00	7.92	275	174	30.92	7.62	133	54	29.36	7.39	12	10	8.99	5.0		3.9		2.85	8.2	2.57	
20	Sat	2.2	2.5				0.00	7.78	183	122	28.48	7.45	105	62	27.37	7.35	13	17	9.08	5.0		3.8		3.08	8.2	2.79	
21	Sun	2.0					0.00	7.88	208	110	30.95	7.52	130	72	27.37	7.34	13	24	8.11	5.0		3.8		3.35	8.2	3.06	
22	Mon	5.3		0.53		2.2	0.00	7.21	235	326	16.55	7.26	91	78	13.77	7.18	23	28	6.98	5.4		3.9		0.74	8.9	0.68	
23	Tue	3.1		0.11			0.00	7.78	175	26	23.58	7.40	80	52	19.80	7.38	16	16	7.94	5.0		3.9		1.87	8.5	1.72	90
24	Wed	2.5		0.02			0.00	7.74	165	94	27.65	7.39	111	66	25.27	7.35	15	19	10.27	5.0		3.8		2.51	8.3	2.32	
25	Thu	2.1					0.00	7.85	205	126	31.19	7.52	101	66	26.57	7.44	12	16	8.91	5.0		3.8		3.14	8.3	2.92	
26	Fri	3.9		0.32		1.8	0.00	7.82	175	148	21.79	7.52	113	68	22.80	7.34	26	23	11.02	5.4		3.8		1.36	8.9	1.28	
27	Sat	2.6	3.1				0.00	7.78	120	72	23.10	7.31	84	60	18.95	7.35	13	15	6.69	5.0		3.8		2.41	8.2	2.16	
28	Sun	2.4		0.30		0.8	0.00	7.87	205	84	28.36	7.50	120	56	28.36	7.48	13	10	9.86	5.1		3.8		2.67	8.4	2.45	
29	Mon	4.6		0.12		0.5	0.00	7.71	97	74	13.78	7.39	79	60	14.77	7.09	19	16	8.27	5.2		3.9		0.96	8.5	0.84	
30	Tue	2.4					0.00	7.75	200	88	30.79	7.32	113	46	27.06	7.24	11	9	9.65	5.0		3.8		2.71	8.3	2.53	
AVERAGE		2.9		0.08		0.5	0.00	7.69	189	130	25.77	7.44	104	65	24.33	7.27	14	16	9.06	5.1		3.9	12	2.44	8.7	2.32	5
MAXIMUM		7.5	3.4	0.81		7.4	0.00	7.92	285	326	31.19	7.62	138	87	34.99	7.51	26	28	13.72	6.5		4.1	360	3.63	16.4	4.82	90
MINIMUM		1.9		0.02		0.0	0.00	7.21	63	26	7.15	7.06	58	22	7.78	6.92	10	8	3.86	4.9		3.8	360	0.40	8.2	0.35	45
# OF DATA		30		8		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1		30			2
TOTAL		86		2.43		14	0	231	5674	3913	773	223	3129	1954	730	218	428	493	272	152		116	360		260		135

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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	6.9	6.97	6		364		6		376		1.00		63		8.5		2.01	48	< 0.006
2	Tue	4.0	7.17	5		162		10		357		0.46		17		8.2		2.14	75	< 0.006
3	Wed	2.0	7.25	3		57		8		134		0.51		9		8.0		1.79	3	< 0.006
4	Thu	2.0	7.10	3		58		3		58		0.60		12		7.9		2.16	5	< 0.006
5	Fri	1.9	7.47	2		43		3		45		0.87		16		8.2		1.66	1	< 0.006
6	Sat	1.7	7.54	< 2	3	16	115	4	6	64	174	0.73	0.74	12	22	8.2		2.11	19	< 0.006
7	Sun	1.7	7.66	3		50		1		20		0.71		14		8.2		2.27	6	< 0.006
8	Mon	4.7	7.05	3		75		5		117		1.08		25		8.0		2.11	11	< 0.006
9	Tue	1.9	7.34	3		57		11		197		0.88		16		7.8		2.30	9	< 0.006
10	Wed	1.9	7.56	3		45		5		91		0.65		12		7.6		2.30	14	< 0.006
11	Thu	2.1	7.63	3		61		6		109		0.78		15		7.6		2.20	13	< 0.006
12	Fri	2.4	7.44	2		55		9		207		0.65		15		7.8		2.07	32	< 0.006
13	Sat	1.9	7.75	2	3	35	54	8	6	138	126	0.69	0.78	12	16	7.7		2.01	1	< 0.006
14	Sun	2.7	7.58	4		98		8		180		0.98		23		7.7		2.30	7	< 0.006
15	Mon	2.4	7.52	2		50		5		113		1.04		25		7.8		2.16	5	< 0.006
16	Tue	1.9	7.51	3		53		6		106		0.92		16		7.8		2.16	7	< 0.006
17	Wed	2.4	7.75	3		62		10		221		0.72		16		7.9		2.09	13	< 0.006
18	Thu	2.3	7.64	2		53		10		215		0.49		11		7.9		2.16	8	< 0.006
19	Fri	2.0	7.72	< 2		19		3		58		0.81		16		7.8		2.20	7	< 0.006
20	Sat	1.9	7.78	2	3	42	54	7	7	117	144	0.58	0.79	10	17	8.1		2.18	5	< 0.006
21	Sun	1.8	7.73	3		46		9		152		0.59		10		8.1		2.13	1	< 0.006
22	Mon	5.0	7.21	9		409		13		578		1.27		57		7.8		1.97	2500	< 0.006
23	Tue	2.8	7.69	4		93		8		195		0.54		14		8.2		2.03	16	< 0.006
24	Wed	2.4	7.42	3		61		6		115		0.73		15		8.2		1.85	5	< 0.006
25	Thu	1.8	7.66	4		74		5		84		0.85		15		8.2		2.28	23	< 0.006
26	Fri	3.4	7.40	8		255		10		327		2.75		90		8.1		1.83	21	< 0.006
27	Sat	2.3	7.43	5	5	117	151	8	8	162	230	1.42	1.17	31	33	8.2		2.28	195	< 0.006
28	Sun	2.2	7.56	3		57		3		61		0.48		10		8.6		2.30	3	< 0.006
29	Mon	4.2	7.08	7		275		9		348		2.06		80		9.0		2.80	31	< 0.006
30	Tue	2.0	7.42	3		55		19		369		0.37		7		8.8		2.74	8	< 0.006
AVERAGE		2.6	7.47	4		97		7		177		0.87		23		8.1		2.15	11	< 0.006
MAXIMUM		6.9	7.78	9	5	409	151	19	8	578	230	2.75	1.17	90	33	9.0		2.80	2500	< 0.006
MINIMUM		1.7	6.97	<2		16		1		20		0.37		7		7.6		1.66	1	< 0.006
# OF DATA		30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		79	224	105		2896		213		5312		26		682		241.9		64.59	3092	< 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

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 Times per day	Sludge to Headworks (gal x 1000)	
1	Mon	234	95	54		34	0	323	6	1	114	
2	Tue	140	95			20	11	324	6	4	211	
3	Wed	80	40			20	0	319	6	4	210	
4	Thu	103	55			20	0	314	6	4	212	
5	Fri	99	44			20	0	311	6	4	211	
6	Sat	59	32			20	0	308	6	4	212	
7	Sun	89	31			20	0	306	6	4	212	
8	Mon	90	38			20	0	303	12	9	214	
9	Tue	80	40	41	27	20	0	302	6	4	214	
10	Wed	80	40			20	27	303	6	4	213	
11	Thu	80	42			20	0	303	6	4	215	
12	Fri	95	41			20	0	301	6	4	214	
13	Sat	85	47			20	0	297	6	4	214	
14	Sun	106	64			29	0	296	6	3	183	
15	Mon	94	46			20	15	297	6	4	216	
16	Tue	80	40			23	0	293	6	4	214	
17	Wed	140	40			22	0	295	6	4	215	
18	Thu	116	66			20	0	294	6	4	215	
19	Fri	92	47	47		19	9	294	6	4	214	
20	Sat	82	40			19	0	292	6	4	213	
21	Sun	72	37			19	0	288	6	4	213	
22	Mon	214	90	27		28	0	288	6	4	187	
23	Tue	40	60			24	0	290	6	4	215	
24	Wed	40	50			20	0	287	6	4	214	
25	Thu	190	28			20	0	286	10	11	379	
26	Fri	130	64	47	14	24	0	284	6	4	211	
27	Sat	80	41			24	0	287	6	4	219	
28	Sun	108	47			20	0	286	6	4	219	
29	Mon	194	60			28	0	287	6	3	179	
30	Tue	120	40			20	0	283	6	4	219	
AVERAGE		107	50	7	1	22	2	298	6	5	213	
MAXIMUM		234	95	54	27	34	27	324	12	11	379	
MINIMUM		40	28	27	14	19	0	283	6	1	114	
# OF DATA		30	30	5	2	30	30	30	30	30	30	
TOTAL		3212	1500	216	41	648	61	8942	191	138	6393	

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	Mon		2.42	68.1	6.94	1.93	60.4	6.95	96	2.30	60.0	6.98	96	36	4.78	54.6	6.93	49		0.0	27	
2	Tue								96				96	19				44		0.0	0	
3	Wed								96				96	19				44		0.0	0	
4	Thu								96				96	15				47		21.1		
5	Fri								96				96	14				34		6.8		
6	Sat								96				96	16				37	0.13	5.3		
7	Sun								96				96	15				50		32.7	0	
8	Mon		1.80	77.0	6.89	1.62	48.7	6.89	96	1.69	52.2	7.07	96	13	5.20	49.7	7.00	35		13.3	1	
9	Tue								96				96	22				5		2.1	24	
10	Wed								96				96	37				75		0.1		
11	Thu								96				96	12				32		0.0	0	
12	Fri								96				96	19				42		0.0	0	
13	Sat								96				96	10				31		3.3	0	
14	Sun								96				96	25				52		1.3	0	
15	Mon		2.43	72.4	6.32	1.95	54.1	6.89	96	1.47	51.4	7.11	96	35	4.39	57.0	6.91	18		0.1	27	
16	Tue								96				96	18				27		0.0	0	
17	Wed								96				96	19				25		0.0		
18	Thu								96				96	20				26		0.0		
19	Fri								96				97	19				38		0.0	0	
20	Sat								96				97	15				35		0.0	0	
21	Sun								96				97	17				41		0.0	0	
22	Mon		4.05	76.9	6.53	1.92	59.1	6.97	96	3.25	56.6	6.82	97	24	4.52	49.6	6.86	17		0.0	22	
23	Tue								96				97	18				43		0.0	0	
24	Wed								96				97	15				40		0.0	0	
25	Thu								96				97	17				39		0.0	0	
26	Fri								96				97	23				48	0.14	0.0	0	
27	Sat								96				97	16				24		0.0	0	
28	Sun								96				97	18				45		0.0	0	
29	Mon		2.46	69.9	6.65	2.11	61.0	6.75	96	3.08	60.0	6.87	97	26	4.53	54.4	6.87	63		0.0	4	
30	Tue								96				97	20				47		0.0	0	
AVERAGE			2.63	72.9	6.67	1.91	56.7	6.89	96	2.36	56.0	6.97	96	20	4.68	53.1	6.91	38	0.14		2.9	4
MAXIMUM			4.05	77.0	6.94	2.11	61.0	6.97	96	3.25	60.0	7.11	97	37	5.20	57.0	7.00	75	0.14		32.7	27
MINIMUM			1.80	68.1	6.32	1.62	48.7	6.75	96	1.47	51.4	6.82	96	10	4.39	49.6	6.86	5	0.13		0.0	
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	2		30	30
TOTAL			13	364	33	10	283	34	2871	12	280	35	2891	593	23	265	35	1151	0		86	106

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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: September 3rd		0.0007	0.007	0.130	0.012	0.016	0.140	<0.005	0.0002	<0.005	0.023	0.001	0.004	0.019	<0.005	
2nd Date: Sep 10th/11th-CN				0.130							0.031				<0.005	
3rd Date: September 17th		<0.0002	<0.005	0.087	0.007	<0.002	0.074	<0.005	<0.0002	<0.005	0.025	0.001	<0.002	0.033	<0.005	
4th Date: Sep 23rd-CN/24th				0.069							0.027				<0.005	
5th Date:																
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	0	0	1	0	0	0	0	
Average		0.0004	0.005	0.104	0.010	0.009	0.107	<0.003	0.0002	<0.003	0.027	0.001	0.003	0.026	<0.003	
Maximum		0.0007	0.007	0.130	0.012	0.016	0.140	<0.005	0.0002	<0.005	0.031	0.001	0.004	0.033	<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		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 /100mL)	(Colonies /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	1	0
Max	3.4	2.9	5	4	151	97	8	7	230	177	1.17	0.87	33	23	7.6	7.78	< 0.006	2500	11
Total				0		0		0		0		0		0	0	0	0		1

\*Dissolved Oxygen value is minimum daily average

## MONTHLY REPORT OF OPERATION

### Trickling Filter Wastewater Treatment Plant

Date: Sep-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 3,454

Overall Percent Removal of Volatile Solids 57.9%

#### Monthly Removal Summary

Percent Removal	CBOD	TSS	AMMONIA
Primary Treatment	45%	50%	6%
Secondary Treatment	86%	75%	63%
Tertiary Treatment	75%	57%	90%
Overall Treatment	98%	95%	97%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 26,509

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 480

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	6.4	1.6	4.3
Secondary Settling Tank	4.7	1.2	3.1
Final Settling Tank	14.7	3.7	9.8
Total Plant Retention Time	25.8	6.6	17.3

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 89

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,127

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	940	239	357
Secondary Settling Tank	1241	316	471
Final Settling Tank	632	161	240

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 23

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

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	18	5	7
Secondary Settling Tank	15	4	6
Final Settling Tank	14	4	5

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

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:

Sept. 9th, 16th, 23rd - Successful load test of emergency generator  
 Sept. 2nd - On emergency power at 6:20a, 1/2 hour  
 Sept 18th - Final effluent was diverted to the CSO lagoon for storage for 3.5 hours. The chlorine residual analyzer gave erroneous results, intermittantly, leading the operator to believe that there was some unknown source of chlorine demand. After the faulty air compressor in the analyzer was discovered and repaired, normal operation was re-established. All diverted flows were returned the the headworks from the CSO Lagoon.  
 Sept. 22nd - Final Clarifiers #1 & #2 out of service 4 hours each for weir cleaning  
 Sept. 25th - Inspected Motor Control Centers 0-4 using infrared photography. On generator for two hours to inspect the generator and switch gear.  
 Sept 1st through 30th - CSO Lagoon Return Flow Meter out of service as a result of a lightning strike. ABB is very slow completing the repair. Meter back in service 10/24/03

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)			09/01/2003 09/30/2003		Check box if no CSO discharge occurred for the month:			<b>X</b>															
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.			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	0.81	7.52	10.17																			
2	Tue		4.33	4.93																			
3	Wed		2.14	4.12																			
4	Thu		2.30	3.21																			
5	Fri		2.15	2.94																			
6	Sat		1.91	2.73																			
7	Sun		2.40	4.03																			
8	Mon		2.81	3.87																			
9	Tue		2.14	2.84																			
10	Wed		2.18	2.86																			
11	Thu		2.37	3.46																			
12	Fri		2.76	5.00																			
13	Sat		2.07	3.05																			
14	Sun	0.22	2.88	10.02																			
15	Mon		2.85	4.23																			
16	Tue		2.12	3.03																			
17	Wed		2.65	4.42																			
18	Thu		2.65	4.25																			
19	Fri		2.30	3.12																			
20	Sat		2.16	3.16																			
21	Sun		2.02	3.16																			
22	Mon	0.53	5.33	10.05																			
23	Tue	0.11	3.11	7.56																			
24	Wed	0.02	2.51	4.55																			
25	Thu		2.12	3.04																			
26	Fri	0.32	3.92	10.09																			
27	Sat		2.59	6.64																			
28	Sun	0.3	2.42	9.98																			
29	Mon	0.12	4.64	9.95																			
30	Tue		2.36	4.79																			
31																							
Totals:		2.43	n/a	n/a	n/a		0.0		0.00														
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>								