

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Sep-04  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

Page 1 of 6  
 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	Wed	5.1					0.00	8.17	91	118	11.92	7.70	72	82	13.04	7.22	14	38	5.78	4.9		4.0		0.76	8.3	0.64	
2	Thu	5.0					0.00	7.67	110	104	13.14	7.46	64	60	11.81	7.32	28	30	7.73	4.8		4.0		0.75	8.3	0.65	
3	Fri	3.4		0.02			0.00	7.67	190	122	22.55	7.45	89	77	19.90	7.22	13	27	7.44	4.9		4.0		1.60	8.3	1.45	
4	Sat	2.1	4.8				0.00	7.67	208	80	31.61	7.41	126	54	29.18	7.24	14	12	11.16	4.9		3.8		3.20	8.3	2.95	
5	Sun	2.1					0.00	7.67	200	84	30.12	7.47	114	46	27.94	7.43	11	11	11.16	4.9		3.9		3.19	8.3	2.95	
6	Mon	2.2		0.02			0.00	7.78	245	147	31.86	7.52	129	64	27.46	7.34	12	15	9.54	4.9		3.9		2.99	8.3	2.79	
7	Tue	2.3					0.00	7.63	240	156	31.38	7.48	125	62	29.27	7.37	13	14	11.12	4.9		3.9	510	2.83	8.2	2.58	
8	Wed	2.4					0.00	7.90	200	164	31.02	7.56	108	68	28.83	7.42	13	19	10.52	4.9		3.9		2.65	8.3	2.46	
9	Thu	2.5					0.00	7.70	250	182	30.66	7.58	113	56	29.67	7.34	14	14	13.47	4.9		3.9		2.57	8.3	2.38	
10	Fri	2.3					0.00	7.72	200	188	34.40	7.55	110	83	29.36	7.38	12	21	11.12	4.9		3.9		2.92	8.3	2.67	
11	Sat	2.5	2.3				0.00	7.74	193	120	27.81	7.48	113	50	27.96	7.29	14	8	12.04	4.9		3.9		2.51	8.3	2.30	
12	Sun	2.2					0.00	7.83	210	112	31.56	7.43	143	82	30.01	7.19	14	18	10.76	4.9		3.9		3.01	8.3	2.77	
13	Mon	2.4					0.00	7.60	235	161	31.23	7.49	135	106	30.04	7.27	13	16	10.14	4.9		3.9		2.66	6.9	1.90	60
14	Tue	3.2					0.00	7.63	175	104	23.26	7.53	95	70	23.30	7.50	13	17	10.08	4.9		4.0		1.75	6.0	0.87	
15	Wed	3.3		0.09			0.00	7.65	245	204	21.66	7.58	109	66	20.03	7.31	13	17	7.86	4.9		4.1		1.69	8.3	1.48	
16	Thu	3.1		0.18			0.00	7.61	225	270	25.44	7.43	130	76	22.87	7.30	17	19	7.61	4.9		4.1		1.91	8.3	1.70	
17	Fri	2.4					0.00	7.77	185	125	31.47	7.50	115	54	27.44	7.47	15	18	9.30	4.9		3.9		2.66	8.3	2.43	
18	Sat	2.2	2.7				0.00	7.70	203	84	34.24	7.49	138	56	28.35	7.33	12	13	9.01	4.9		3.9		3.10	8.3	2.85	
19	Sun	2.2					0.00	7.82	220	142	35.12	7.52	130	82	31.00	7.44	13	24	10.66	4.9		3.9		3.10	8.3	2.85	
20	Mon	2.4					0.00	7.79	215	245	32.99	7.57	120	56	29.74	7.41	14	12	11.00	4.9		3.9		2.63	8.3	2.43	
21	Tue	2.7					0.00	8.22	210	200	31.61	9.36	100	82	25.86	7.80	17	22	10.07	4.9		4.0		2.25	8.3	2.07	60
22	Wed	2.3					0.00	7.82	205	142	33.86	7.90	118	76	30.45	7.39	12	17	12.30	4.9	30	3.9		2.87	8.3	2.68	
23	Thu	2.5					0.00	7.82	245	198	32.34	7.66	135	90	30.35	7.38	14	23	12.34	4.9		3.9		2.50	8.3	2.32	
24	Fri	2.8					0.00	7.80	225	178	28.57	7.57	117	67	27.06	7.30	16	20	12.03	4.9		3.9		2.17	8.3	1.99	
25	Sat	3.2	2.6				0.00	7.69	153	104	20.70	7.49	106	62	23.55	7.30	15	18	9.69	5.0		4.0		1.81	8.3	1.60	
26	Sun	2.4					0.00	7.79	195	102	32.31	7.50	123	70	29.96	7.27	13	13	11.95	5.0		3.9		2.76	8.3	2.53	
27	Mon	2.3					0.00	7.78	265	158	34.56	7.50	150	70	29.53	7.25	15	16	11.56	4.9		3.9		2.82	8.3	2.63	
28	Tue	2.3					0.00	7.73	260	668	35.37	7.57	135	46	29.87	7.39	14	6	11.56	4.9		3.9	450	2.82	8.3	2.61	
29	Wed	2.4					0.00	7.79	205	147	33.26	7.55	125	62	28.91	7.20	13	14	11.10	4.9		3.9		2.60	8.3	2.41	60
30	Thu	2.4					0.00	7.80	215	188	33.01	7.54	120	60	27.95	7.22	13	15	11.17	4.8		3.9		2.59	8.3	2.42	
AVERAGE		2.7		0.01		0.0	0.00	7.77	207	167	29.30	7.59	117	68	26.69	7.34	14	18	10.38	4.9	1	3.9	32	2.46	8.2	2.21	6
MAXIMUM		5.1	4.8	0.18		0.0	0.00	8.22	265	668	35.37	9.36	150	106	31.00	7.80	28	38	13.47	5.0	30	4.1	510	3.20	8.3	2.95	60
MINIMUM		2.1		0.02		0.0	0.00	7.60	91	80	11.92	7.41	64	46	11.81	7.19	11	6	5.78	4.8	30	3.8	450	0.75	6.0	0.64	60
# OF DATA		30		4		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1	30	2		30		3
TOTAL		81		0.31			0	233	6216	4997	879	228	3503	2035	801	220	422	526	311	147	30	118	960		246		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	Wed	4.5	7.25	7		309		22		933		0.23		10		8.1		2.89	29	< 0.006
2	Thu	4.5	7.27	7		274		14		568		<0.20		4		7.9		2.85	15	< 0.006
3	Fri	3.1	7.58	5		141		11		311		0.21		6		7.9		2.77	12	< 0.006
4	Sat	1.7	7.40	3	5	59	212	5	13	87	517	0.78	0.31	14	11	8.1		2.00	5	< 0.006
5	Sun	1.8	7.48	3		59		4		74		0.25		4		7.9		2.43	3	< 0.006
6	Mon	1.8	7.49	3		46		9		164		<0.20		2		7.7		1.79	2	< 0.006
7	Tue	1.9	7.63	3		57		3		62		<0.20		2		7.8		2.02	15	< 0.006
8	Wed	2.0	7.68	3		62		18		361		<0.20		2		8.1		3.02	5	< 0.006
9	Thu	2.0	7.61	3		68		6		123		<0.20		2		8.2		2.66	5	< 0.006
10	Fri	1.8	7.72	3		55		10		179		<0.20		2		8.2		3.02	5	< 0.006
11	Sat	2.0	7.56	3	3	63	58	5	8	105	153	0.27	0.15	6	3	8.2		2.73	4	< 0.006
12	Sun	1.7	7.54	3		53		9		161		0.27		5		8.1		2.64	1	< 0.006
13	Mon	1.9	7.57	3		66		6		120		0.22		4		7.7		3.15	2	< 0.006
14	Tue	2.8	7.49	4		113		10		255		0.58		16		7.5		3.12	28	< 0.006
15	Wed	2.9	7.45	4		98		7		195		<0.20		3		7.6		2.56	8	< 0.006
16	Thu	2.7	7.29	6		152		17		437		<0.20		3		7.6		2.16	15	< 0.006
17	Fri	1.9	7.74	3		58		4		71		0.25		5		7.9		2.41	6	< 0.006
18	Sat	1.7	7.50	2	4	41	83	3	8	45	183	<0.20	0.23	2	5	7.7		1.98	5	< 0.006
19	Sun	1.7	7.53	3		50		8		135		<0.20		2		8.1		1.85	3	< 0.006
20	Mon	1.9	7.50	3		63		3		50		<0.20		2		8.0		2.35	9	< 0.006
21	Tue	2.2	7.63	3		77		8		181		<0.20		2		8.1		2.35	18	< 0.006
22	Wed	1.8	7.82	3		58		5		94		<0.20		2		8.0		2.79	18	< 0.006
23	Thu	2.0	7.54	< 2		21		9		194		0.45		9		8.1		2.04	5	< 0.006
24	Fri	2.3	7.53	4		95		6		140		0.32		7		8.1		2.31	3	< 0.006
25	Sat	2.5	7.60	3	3	86	64	7	6	174	138	<0.20	0.18	3	4	8.3		3.12	20	< 0.006
26	Sun	1.8	7.54	3		55		4		69		<0.20		2		8.3		2.64	7	< 0.006
27	Mon	1.8	7.48	3		63		7		134		<0.20		2		8.1		2.25	5	< 0.006
28	Tue	1.9	7.49	4		67		3		58		0.32		6		8.3		2.64	7	< 0.006
29	Wed	1.9	7.02	5		91		16		315		1.49		30		8.5		3.50	1	< 0.006
30	Thu	1.9	7.40	3		59		6		122		<0.20		2		8.5		2.75	7	< 0.006
AVERAGE		2.2	7.51	4		85		8		197		0.24		5		8.0		2.56	6	< 0.006
MAXIMUM		4.5	7.82	7	5	309	212	22	13	933	517	1.49	0.31	30	11	8.5		3.50	29	< 0.006
MINIMUM		1.7	7.02	<2		21		3		45		<0.20		2		7.5		1.79	1	< 0.006
# OF DATA		30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		66	225	106		2560		241		5915		7		160		240.6		76.79	268	< 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	Wed	300	160			20	0	320	6	4	158	
2	Thu	337	146			20	0	315	6	4	156	
3	Fri	198	94			20	0	312	6	4	156	
4	Sat	105	58			20	0	309	6	4	157	
5	Sun	130	62			20	0	305	6	4	157	
6	Mon	130	40			20	0	304	6	4	156	
7	Tue	140	60			20	0	306	6	4	157	
8	Wed	160	80			19	9	307	6	4	159	
9	Thu	161	55			19	9	309	6	4	159	
10	Fri	145	54			20	0	308	6	4	318	
11	Sat	150	51			20	0	307	6	4	164	
12	Sun	120	60			20	0	305	6	4	159	
13	Mon	140	50			20	0	302	5	4	159	
14	Tue	190	80			20	0	300	6	4	159	
15	Wed	200	90			20	5	300	6	4	160	
16	Thu	210	20			20	0	299	6	4	161	
17	Fri	140	140			20	0	296	6	4	155	
18	Sat	120	100			20	0	296	6	4	155	
19	Sun	120	70			20	0	296	6	4	156	
20	Mon	140	50	27	34	20	0	297	6	4	155	
21	Tue	180	80			20	19	295	6	4	158	
22	Wed	120	60			20	0	298	6	4	157	
23	Thu	124	59			20	0	305	6	4	157	
24	Fri	196	73			20	0	304	6	4	158	
25	Sat	200	87			20	0	297	6	4	159	
26	Sun	130	65			20	0	294	6	4	157	
27	Mon	122	47			20	0	292	6	4	157	
28	Tue	160	80			20	0	290	6	4	160	
29	Wed	200	80			20	4	288	6	4	158	
30	Thu	154	75			20	0	286	6	4	159	
AVERAGE		164	74	1	1	20	1	301	6	4	163	
MAXIMUM		337	160	27	34	20	19	320	6	4	318	
MINIMUM		105	20	27	34	19	0	286	5	4	155	
# OF DATA		30	30	1	1	30	30	30	30	30	30	
TOTAL		4922	2226	27	34	587	45	9043	179	134	4894	

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	Wed								96				97	16				41			0.4	0
2	Thu								96				97	16				39			0.4	
3	Fri								96				97	15				37			12.5	
4	Sat								96				97	15				37			0.4	
5	Sun								96				97	16				40			0.3	
6	Mon		2.53	70.8	6.73	3.14	51.4	6.80	96	2.24	52.6	7.01	97	11	5.18	52.1	6.90	8			0.3	12
7	Tue								96				97	18				39			0.3	
8	Wed								96				97	22				54			0.4	
9	Thu								96				97	22				54			0.4	
10	Fri								96				97	30				73			0.7	
11	Sat								96				97	15				40			0.4	
12	Sun								96				96	18				46			0.3	
13	Mon		2.45	65.0	6.80	3.64	55.6	6.90	96	3.01	51.0	7.51	96	18	5.62	50.3	6.92	46			0.4	0
14	Tue								96				96	15				45			0.4	
15	Wed								96				96	25				21			0.4	19
16	Thu								96				96	12				31			0.3	
17	Fri								96				96	20				7			0.4	26
18	Sat								96				96	7				4			0.4	
19	Sun								96				96	15				33			0.4	
20	Mon		1.47	73.5	6.45	2.46	52.9	6.78	96	2.35	58.6	7.08	96	32	5.37	52.4	6.90	16			0.4	36
21	Tue								96				95	21				30			0.5	
22	Wed								96				95	17				45			0.5	0
23	Thu								96				96	16				41			0.5	0
24	Fri								96				96	10				29	0.05		0.5	0
25	Sat								96				96	22				48			0.5	0
26	Sun								96				96	15				24	0.15		0.5	0
27	Mon		2.34	75.5	6.32	1.94	58.3	6.93	96	2.10	60.9	7.12	97	35	5.14	54.0	7.01	15			0.4	42
28	Tue								96				97	7				23			0.4	0
29	Wed								96				97	15				30			0.4	0
30	Thu								96				97	11				27			0.4	0
AVERAGE			2.20	71.2	6.57	2.80	54.6	6.85	96	2.43	55.8	7.18	96	18	5.33	52.2	6.93	34	0.10		0.8	5
MAXIMUM			2.53	75.5	6.80	3.64	58.3	6.93	96	3.01	60.9	7.51	97	35	5.62	54.0	7.01	73	0.15		12.5	42
MINIMUM			1.47	65.0	6.32	1.94	51.4	6.78	96	2.10	51.0	7.01	95	7	5.14	50.3	6.90	4	0.05		0.3	
# OF DATA			4	4	4	4	4	4	30	4	4	4	30	30	4	4	4	30	2		30	30
TOTAL			9	285	26	11	218	27	2875	10	223	29	2892	527	21	209	28	1021	0		24	136

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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 1st			0.040								0.016					<0.005
2nd Date:	September 8th	0.0004	<0.005	0.100	0.008		0.011	0.079	<0.005	<0.0002	<0.005	0.028	0.004		0.005	0.027	0.005
3rd Date:	September 15th			0.081								0.028					<0.005
4th Date:	September 22nd	<0.0002	<0.005	0.100	0.009		0.030	0.090	<0.005	<0.0002	<0.005	0.017	0.001		0.012	0.022	<0.005
5th Date:	September 29th			0.098								0.023					<0.005
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	0	0	*See Note	0		0	0	0
Average		0.0003	<0.003	0.084	0.009		0.021	0.085	<0.003	<0.0001	<0.003	0.022	0.003		0.009	0.025	0.003
Maximum		0.0004	<0.005	0.100	0.009		0.030	0.090	<0.005	<0.0002	<0.005	0.028	0.004		0.012	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	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	Oxygen*		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	/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	4.8	2.7	5	4	212	85	13	8	517	197	0.31	0.24	11	5	7.5	7.82	< 0.006	29	6
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: Sep-04  
 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 2,552

Overall Percent Removal of Volatile Solids 55.8%

### Monthly Removal Summary

Percent Removal	CBOD	TSS	AMMONIA
Primary Treatment	44%	59%	9%
Secondary Treatment	88%	74%	61%
Tertiary Treatment	75%	54%	98%
Overall Treatment	98%	95%	99%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 27,277

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 463

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 90

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,063

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	5.8	2.4	4.5
Secondary Settling Tank	4.3	1.8	3.3
Final Settling Tank	13.4	5.5	10.5
Total Plant Retention Time	23.6	9.7	18.4

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

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

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	635	261	335
Secondary Settling Tank	839	345	443
Final Settling Tank	428	176	226

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	12	5	7
Secondary Settling Tank	10	4	5
Final Settling Tank	10	4	5

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:

Sep 10, 2004 - Successful load test of emergency power generator

Sep 13, 2004 - Emergency power generator voltage regulator failed, generator out of service. Operators will divert raw flow to storage in case of power outage.

Sep 17, 2004 - Replaced emergency power generator voltage regulator, generator back in service

Sep 20-21, 2004 - On emergency power for 24 hour test. Test was successful.

Sep 29, 2004 - #1 and #2 Final Clarifiers out of service for 4 hours each(sequentially) for weir cleaning

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)	09/01/2004	09/30/2004	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	Wed		5.08	5.73																			
2	Thu		5.05	6.27																			
3	Fri	0.02	3.39	5.07																			
4	Sat		2.09	2.95																			
5	Sun		2.09	3.22																			
6	Mon	0.02	2.19	3.08																			
7	Tue		2.29	3.04																			
8	Wed		2.40	3.16																			
9	Thu		2.46	3.32																			
10	Fri		2.26	2.93																			
11	Sat		2.51	4.83																			
12	Sun		2.20	3.00																			
13	Mon		2.39	3.02																			
14	Tue		3.22	4.62																			
15	Wed	0.09	3.35	4.33																			
16	Thu	0.18	3.08	6.34																			
17	Fri		2.42	3.16																			
18	Sat		2.16	3.16																			
19	Sun		2.15	3.08																			
20	Mon		2.42	3.33																			
21	Tue		2.71	4.56																			
22	Wed		2.26	2.88																			
23	Thu		2.51	3.40																			
24	Fri		2.79	4.34																			
25	Sat		3.21	4.64																			
26	Sun		2.36	3.66																			
27	Mon		2.29	3.12																			
28	Tue		2.30	3.07																			
29	Wed		2.43	3.29																			
30	Thu		2.44	3.31																			
31																							
Totals:		0.31	n/a	n/a	n/a		0.0		0.00														

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>11/19/2004</b>
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