

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Oct-04
 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 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	Fri	3.1		0.04			0.00	7.74	210	152	28.95	7.67	105	50	27.03	7.51	16	13	13.13	4.9		3.9		1.84	8.4	1.71	
2	Sat	4.4	2.8	0.49		2.2	0.00	7.80	163	120	15.93	7.54	78	72	14.26	7.39	24	23	8.29	5.4		4.0		1.14	8.9	1.03	
3	Sun	2.2					0.00	7.93	195	74	31.82	7.63	113	56	30.40	7.56	12	10	10.75	5.0		3.8		2.98	8.3	2.74	
4	Mon	2.7					0.00	7.92	160	106	27.95	7.67	101	58	27.20	7.46	11	9	12.74	4.9		3.9		2.26	8.3	2.09	
5	Tue	3.2					0.00	7.79	145	84	26.19	7.62	80	54	22.25	7.39	12	14	10.98	4.9		4.0		1.76	8.3	1.58	
6	Wed	2.3					0.00	7.93	195	128	35.27	7.63	111	66	32.51	7.39	12	13	11.72	4.9		3.9		2.76	8.3	2.57	
7	Thu	2.9					0.00	7.86	210	184	30.13	7.59	107	116	31.00	7.44	14	20	12.92	4.8		3.9		2.00	8.3	1.86	
8	Fri	4.4		0.48		2.9	0.00	7.83	225	192	19.75	7.61	92	106	19.53	7.43	25	31	11.15	5.4		4.0		1.11	9.0	1.02	
9	Sat	2.6	2.9				0.00	7.76	155	68	27.90	7.49	90	56	22.97	7.21	10	9	7.65	5.0		3.9		2.42	8.3	2.19	
10	Sun	2.2					0.00	7.79	195	96	34.24	7.54	115	54	31.48	7.25	11	14	12.11	5.0		3.8		2.98	8.3	2.77	
11	Mon	2.4					0.00	7.78	225	141	32.80	7.47	121	60	29.80	7.27	13	19	12.11	4.9		3.8		2.56	8.3	2.42	
12	Tue	2.3					0.00	7.79	185	154	34.24	7.67	100	70	29.42	7.24	15	13	11.57	4.8		3.8	120	2.78	8.3	2.63	
13	Wed	2.3					0.00	7.75	185	141	35.54	7.67	102	74	29.49	7.29	13	16	11.17	4.8		3.8		2.77	8.3	2.62	
14	Thu	3.3		0.23		0.2	0.00	7.77	190	140	30.30	7.62	99	56	27.27	7.21	15	14	11.86	4.9		3.8		1.63	8.5	1.56	
15	Fri	3.4		0.17			0.00	7.87	130	92	22.26	7.69	91	53	20.15	7.39	19	12	9.40	4.9		3.9		1.56	8.3	1.43	
16	Sat	3.7	2.8	0.02			0.00	7.72	116	50	22.09	7.54	82	36	19.44	7.50	13	7	8.28	5.0		4.0		1.43	8.3	1.26	
17	Sun	3.2					0.00	7.80	150	56	24.18	7.58	94	44	21.80	7.46	13	5	9.48	5.0		4.0		1.76	8.3	1.57	
18	Mon	2.4		0.04			0.00	7.84	230	158	34.47	7.63	134	66	28.66	7.48	15	10	11.49	4.9		3.8		2.55	8.3	2.41	40
19	Tue	2.2					0.00	7.82	163	132	34.87	7.62	120	64	27.62	7.36	14	12	12.51	4.8		3.9		2.88	8.3	2.71	
20	Wed	2.3					0.00	7.78	205	127	33.16	7.64	108	52	27.84	7.46	14	13	12.75	4.8		3.8		2.80	8.3	2.64	
21	Thu	2.4					0.00	8.46	255	124	64.83	7.64	104	52	28.11	7.32	10	13	11.23	4.8		3.9		2.67	8.3	2.51	
22	Fri	2.4					0.00	7.93	195	164	35.02	7.66	123	62	27.41	7.36	12	12	10.17	4.9		3.9		2.63	8.3	2.43	
23	Sat	6.4	3.1	1.51		7.4	0.00	7.61	102	738	8.29	7.52	68	60	8.84	7.30	21	19	5.44	6.0		3.9		0.55	10.3	0.60	
24	Sun	5.1					0.00	7.61	72	48	12.25	7.51	71	50	11.87	7.11	15	22	6.21	5.0		4.0		0.74	8.3	0.62	
25	Mon	5.0					0.00	7.66	94	51	15.14	7.48	61	44	13.61	7.19	15	16	7.57	4.9		3.9		0.76	8.3	0.65	
26	Tue	3.9		0.01			0.00	7.84	125	80	21.18	7.50	76	50	20.25	7.21	14	18	11.49	4.8		3.8		1.22	8.3	1.13	
27	Wed	3.2					0.00	7.71	215	142	26.96	7.59	76	40	22.96	7.23	11	12	10.65	4.8	30	3.9	210	1.73	8.2	1.59	
28	Thu	2.3					0.00	7.90	180	156	34.58	7.64	89	62	31.90	7.28	11	20	11.79	4.9		3.8		2.69	8.2	2.51	
29	Fri	4.9		0.39		2.4	0.00	7.56	75	82	12.13	7.41	64	44	13.67	7.53	29	29	9.01	5.2		3.8		0.86	8.5	0.74	
30	Sat	2.3	3.8	0.04			0.00	7.85	230	118	32.14	7.54	99	58	24.74	7.51	15	15	7.30	5.0		3.6		2.76	8.2	2.58	
31	Sun	2.2					0.00	7.99	168	70	32.63	7.64	108	50	30.61	7.61	10	10	11.52	5.2		3.8		3.13	8.6	2.93	
AVERAGE		3.2		0.11		0.5	0.00	7.82	172	134	28.30	7.59	96	59	24.33	7.37	15	15	10.47	5.0	1	3.9	11	2.06	8.4	1.91	1
MAXIMUM		6.4	3.8	1.51		7.4	0.00	8.46	255	738	64.83	7.69	134	116	32.51	7.61	29	31	13.13	6.0	30	4.0	210	3.13	10.3	2.93	40
MINIMUM		2.2		0.01		0.0	0.00	7.56	72	48	8.29	7.41	61	36	8.84	7.11	10	5	5.44	4.8	30	3.6	120	0.55	8.2	0.60	40
# OF DATA		31		11		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1	31	2		31		1
TOTAL		98		3.42		15	0	242	5341	4168	877	235	2980	1835	754	228	450	461	324	154	30	120	330		261		40

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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	Fri	2.6	7.53	4		101		9		219		0.75		19		8.3		2.29	5	< 0.006
2	Sat	3.7	7.48	6	4	224	94	12	8	440	194	0.82	0.52	30	13	8.7		2.87	0	< 0.006
3	Sun	1.7	7.49	3		59		4		65		<0.20		2		8.8		2.77	1	< 0.006
4	Mon	2.2	7.43	3		56		4		90		<0.20		2		8.8		2.37	8	< 0.006
5	Tue	2.6	7.40	3		78		2		54		0.69		19		8.9		2.75	9	< 0.006
6	Wed	1.7	7.46	3		58		6		116		<0.20		2		8.9		2.13	4	< 0.006
7	Thu	2.3	7.45	3		80		8		193		0.24		6		8.9		2.83	6	< 0.006
8	Fri	4.0	7.63	6		207		13		480		1.07		40		8.6		2.18	12	< 0.006
9	Sat	2.1	7.13	4	3	78	88	3	6	65	152	0.53	0.40	12	12	8.5		2.66	8	< 0.006
10	Sun	1.7	7.35	3		53		3		50		0.54		10		8.6		2.05	2	< 0.006
11	Mon	1.9	7.40	2		49		6		112		<0.20		2		8.8		2.25	9	< 0.006
12	Tue	1.7	7.48	3		59		3		62		<0.20		2		8.3		2.67	5	< 0.006
13	Wed	1.7	7.55	3		57		8		153		0.30		6		8.4		2.27	7	< 0.006
14	Thu	2.7	7.47	3		83		7		181		0.32		9		8.4		2.88	7	< 0.006
15	Fri	2.8	7.31	4		125		6		157		1.09		31		8.6		2.35	1	< 0.006
16	Sat	3.0	7.46	3	3	86	73	1	5	31	106	<0.20	0.36	3	9	9.3		2.16	11	< 0.006
17	Sun	2.6	7.67	3		70		5		135		0.31		8		9.8		2.06	11	< 0.006
18	Mon	1.9	7.46	3		63		8		163		0.28		6		9.5		2.04	17	< 0.006
19	Tue	1.8	7.46	3		50		4		70		<0.20		2		9.1		1.89	9	< 0.006
20	Wed	1.9	7.56	3		47		4		66		0.34		7		9.0		2.80	5	< 0.006
21	Thu	1.9	7.41	3		53		6		118		0.47		9		8.6		2.64	6	< 0.006
22	Fri	1.9	7.93	4		79		13		252		<0.20		2		8.7		2.66	2	< 0.006
23	Sat	5.6	7.37	6	3	309	96	11	7	560	195	0.21	0.26	11	6	8.7		1.87	0	< 0.006
24	Sun	4.6	7.00	4		180		7		310		<0.20		4		8.9		2.55	13	< 0.006
25	Mon	4.3	7.56	5		191		11		458		<0.20		4		9.0		2.34	6	< 0.006
26	Tue	3.3	7.25	3		97		8		259		0.40		13		8.8		2.14	5	< 0.006
27	Wed	2.6	7.21	3		79		2		53		0.36		10		8.9		2.26	7	< 0.006
28	Thu	1.9	7.29	3		55		7		127		<0.20		2		8.8		2.41	3	< 0.006
29	Fri	4.4	7.56	6		229		21		837		3.33		136		8.3		2.76	0	< 0.006
30	Sat	1.8	7.29	3	4	55	127	4	8	77	303	0.54	0.70	10	26	8.3		2.49	8	< 0.006
31	Sun	1.6	7.57	3		45		1		23		<0.20		2		8.4		1.93	3	< 0.006
AVERAGE		2.6	7.44	3		99		7		193		0.44		14		8.8		2.40	5	< 0.006
MAXIMUM		5.6	7.93	6	4	309	127	21	8	837	303	3.33	0.70	136	26	9.8		2.88	17	< 0.006
MINIMUM		1.6	7.00	2		45		1		23		<0.20		2		8.3		1.87	0	< 0.006
# OF DATA		31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		81	231	108		3057		202		5974		14		419		271.6		74.32	190	< 0.006

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LaPorte Wastewater Treatment Plant

2101 Boyd Boulevard

LaPorte IN, 46350

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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	Fri	254	85			20	13	285	6	4	158	
2	Sat	132	107			23	0	292	6	4	146	
3	Sun	113	72			20	0	296	6	4	160	
4	Mon	160	88	20	34	20	0	289	6	4	162	
5	Tue	207	100			20	0	286	6	4	159	
6	Wed	120	40			20	0	285	6	4	158	
7	Thu	170	80			19	0	285	6	4	160	
8	Fri	247	120			22	0	288	6	4	126	
9	Sat	123	70			21	0	294	6	4	164	
10	Sun	124	58			20	0	291	6	4	162	
11	Mon	143	72			20	0	289	6	4	162	
12	Tue	130	45	20	27	20	0	287	6	4	163	
13	Wed	120	55			20	0	289	6	4	163	
14	Thu	195	90			20	4	287	6	4	165	
15	Fri	141	105			22	0	288	6	4	176	
16	Sat	220	100			20	0	288	6	4	171	
17	Sun	154	91			20	0	282	6	4	164	
18	Mon	116	57			20	0	276	6	4	166	
19	Tue	100	60	20	27	19	0	270	6	4	176	
20	Wed	210	75			20	0	267	6	4	165	
21	Thu	132	65			20	0	269	6	4	166	
22	Fri	134	64			20	0	275	6	4	168	
23	Sat	356	179	41		23	0	283	6	3	118	
24	Sun	387	147			20	0	295	6	4	167	
25	Mon	332	130			20	0	298	6	4	168	
26	Tue	220	120	27	20	20	0	299	6	4	165	
27	Wed	180	80			20	10	299	6	4	165	
28	Thu	148	82			20	0	298	6	4	165	
29	Fri	361	137	27		23	0	298	6	4	137	
30	Sat	140	73			20	0	299	6	4	167	
31	Sun	124	71			20	0	313	6	5	185	
AVERAGE		184	88	5	3	20	1	288	6	4	161	
MAXIMUM		387	179	41	34	23	13	313	6	5	185	
MINIMUM		100	40	20	20	19	0	267	6	3	118	
# OF DATA		31	31	6	4	31	31	31	31	31	31	
TOTAL		5693	2718	155	108	624	28	8940	186	136	4998	

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		
% Total Solids		

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	Fri								96				97	29				70		0.5	0
2	Sat								96				97	17				46		0.6	
3	Sun								96				97	20				55		0.6	0
4	Mon		0.99	74.2	6.63	2.04	61.1	6.81	96	3.43	57.7	7.09	97	19	4.94	54.0	7.03	26		0.6	15
5	Tue								96				97	14				38		0.5	0
6	Wed								96				96	15				46		0.5	0
7	Thu								96				96	18				57		0.6	0
8	Fri								96				96	14				47	0.14	0.5	0
9	Sat								96				96	21				57		0.5	
10	Sun								96				96	16				44	0.11	0.4	0
11	Mon		3.53	79.2	5.72	2.01	58.5		96	3.35	61.0	6.87	96	15	4.83	53.2	6.88	40		0.3	
12	Tue								96				96	31				28		0.3	33
13	Wed								96				96	5				5		0.3	
14	Thu								96				96	16				22		0.4	0
15	Fri								96				96	25				15		0.5	28
16	Sat								96				96	9				10		0.5	0
17	Sun								96				96	15				41		0.5	0
18	Mon		0.90	77.9	6.32	1.87	61.5	6.97	96	1.87	64.5	7.06	96	24	4.42	55.6	7.12	8		0.3	32
19	Tue								96				96	26				6		0.2	31
20	Wed								96				96	19				3		0.1	23
21	Thu								96				96	10				1		0.0	
22	Fri								96				96	5				1		0.0	
23	Sat								96				96	11				38		0.1	
24	Sun								96				96	17				59		0.2	
25	Mon		2.59	72.5	6.76	3.54	63.9	6.81	96	1.69	57.5	6.92	96	17	5.61	58.6	7.24	47		0.2	
26	Tue								96				96	12				49		0.2	0
27	Wed								96				96	26				63		0.4	
28	Thu								96				96	17				42		0.5	
29	Fri								96				96	20				47		0.5	
30	Sat								96				96	10				24		0.5	
31	Sun								96				96	20				53		0.5	
AVERAGE			2.00	76.0	6.36	2.37	61.3	6.86	96	2.59	60.2	6.99	96	17	4.95	55.4	7.07	35	0.13	0.4	5
MAXIMUM			3.53	79.2	6.76	3.54	63.9	6.97	96	3.43	64.5	7.09	97	31	5.61	58.6	7.24	70	0.14	0.6	33
MINIMUM			0.90	72.5	5.72	1.87	58.5	6.81	96	1.69	57.5	6.87	96	5	4.42	53.2	6.88	1	0.11	0.0	
# OF DATA			4	4	4	4	4	3	31	4	4	4	31	31	4	4	4	31	2	31	31
TOTAL			8	304	25	9	245	21	2968	10	241	28	2984	536	20	221	28	1088	0	12	162

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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 :	October 6th, 20	0.0008	<0.005	0.120	0.012		0.022	0.100	<0.005	0.0004	<0.005	0.033	<0.001		0.011	0.053	<0.005
2nd Date :	October 13th, 20			0.180								0.025					<0.005
3rd Date :	October 20th, 20	<0.0002	<0.005	0.110	0.004		0.013	0.094	<0.005	<0.0002	<0.005	0.024	<0.001		0.010	0.031	0.006
4th Date :	October 27th, 20			0.270								0.015					<0.005
5th Date :																	
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	0	0	0	0		0	0	0
Average		0.0005	<0.003	0.170	0.008		0.018	0.097	<0.003	0.0003	<0.003	0.024	<0.001		0.011	0.042	0.003
Maximum		0.0008	<0.005	0.270	0.012		0.022	0.100	<0.005	0.0004	<0.005	0.033	<0.001		0.011	0.053	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	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	3.8	3.2	4	3	127	99	8	7	303	193	0.70	0.44	26	14	8.3	7.93	< 0.006	17	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: Oct-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 2,553

Overall Percent Removal of Volatile Solids 60.7%

Monthly Removal Summary

Percent Removal	CBOD	TSS	AMMONIA
Primary Treatment	44%	56%	14%
Secondary Treatment	85%	75%	57%
Tertiary Treatment	76%	56%	96%
Overall Treatment	98%	95%	98%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 26,654

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 471

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	5.6	1.9	3.9
Secondary Settling Tank	4.1	1.4	2.8
Final Settling Tank	12.9	4.4	8.9
Total Plant Retention Time	22.6	7.7	15.6

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

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,095

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	800	272	394
Secondary Settling Tank	1056	359	520
Final Settling Tank	538	183	265

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

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	16	5	8
Secondary Settling Tank	13	4	6
Final Settling Tank	12	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:

October 7, 19, 26 - Emergency Power Generator Successfully Load-Tested.

October 12 - CSO Weir Overflow Level Meter Failure. The underground electrical service failed somewhere along its 2400 feet length. CSO Lagoon level measured manually and recorded in the log. No CSO discharge during the duration of the meter failure

November 1 - CSO meter back in operation. Approximately 100 feet of the electrical feed replaced, from CSO Instrument Building to the west. New meter installed. New meter is a pressure transducer type. Overflow now occurs at zero feet. Negative readings indicate distance to overflow, positive readings indicated the height of the flow over the CSO weir.

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 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 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: La Porte	Page: 1 of 1	
Facility: La Porte Wastewater Treatment Facility	Permit Number: IN0025577	
Monitoring Period: (MM/DD/YY to MM/DD/YY) 10/01/2004 10/31/2004		Check box if no CSO discharge occurred for the month: X

Design Peak Inf. Flow(MGD)					Measured/Metered (M) or Estimated (E) must be specified.(Please attach methods used.)																								
9.7					CSO Outfall No. 002					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	Fri	0.04	3.09	5.52																									
2	Sat	0.49	4.39	10.13																									
3	Sun		2.21	3.17																									
4	Mon		2.69	4.25																									
5	Tue		3.22	4.72																									
6	Wed		2.32	3.01																									
7	Thu		2.90	4.69																									
8	Fri	0.48	4.42	10.08																									
9	Sat		2.60	6.22																									
10	Sun		2.20	3.19																									
11	Mon		2.43	3.58																									
12	Tue		2.29	2.99																									
13	Wed		2.29	2.94																									
14	Thu	0.23	3.33	9.08																									
15	Fri	0.17	3.42	7.54																									
16	Sat	0.02	3.68	4.54																									
17	Sun		3.24	4.74																									
18	Mon	0.04	2.44	3.25																									
19	Tue		2.23	2.85																									
20	Wed		2.28	3.30																									
21	Thu		2.37	3.31																									
22	Fri		2.42	3.22																									
23	Sat	1.51	6.40	10.07																									
24	Sun		5.13	6.35																									
25	Mon		4.99	6.23																									
26	Tue	0.01	3.88	5.84																									
27	Wed		3.18	5.68																									
28	Thu		2.35	3.27																									
29	Fri	0.39	4.89	10.05																									
30	Sat	0.04	2.29	4.91																									
31	Sun		2.18	3.06																									
Totals:		3.42	n/a	n/a	n/a		0.0		0.00																				

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 11/29/2004