

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Dec-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 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	7.1		0.20		4.7	0.00	8.56	57	79	9.32	7.70	47	54	7.27	7.52	20	29	6.39	5.4		3.3		0.23	10.5	0.48	
2	Thu	4.7					0.00	7.80	101	138	14.19	7.65	67	66	13.44	7.49	22	21	9.57	4.7		2.3		0.47	8.3	0.75	
3	Fri	2.4					0.00	7.89	220	142	28.67	7.59	116	67	29.40	7.50	15	20	17.56	4.7		1.9		1.70	7.8	2.21	
4	Sat	2.3	4.2				0.00	7.83	210	100	27.91	7.60	145	76	31.82	7.60	16	15	21.70	4.7		1.7		1.78	7.9	2.41	
5	Sun	2.4					0.00	7.77	208	100	30.58	7.53	130	70	31.42	7.48	17	17	21.93	4.7		1.7		1.71	7.9	2.34	
6	Mon	4.5		0.23		1.3	0.00	7.74	145	106	16.41	7.47	92	72	15.70	7.38	25	27	10.32	4.8		2.3		0.58	8.1	0.82	
7	Tue	7.4		1.01		6.4	0.00	8.55	98	80	8.75	7.42	62	66	9.21	7.77	17	24	6.93	6.2		3.4		0.31	10.8	0.47	
8	Wed	5.4					0.00	7.84	67	74	11.16	7.51	57	52	11.16	7.32	17	26	8.03	4.6	40	2.3	120	0.27	8.4	0.54	60
9	Thu	4.4					0.00	7.79	109	116	14.93	7.53	69	58	15.24	7.43	15	21	9.80	4.7		2.3		0.60	8.2	0.89	
10	Fri	3.3					0.00	7.82	150	128	23.31	7.53	104	59	25.11	7.39	23	19	19.76	4.9		2.2		1.10	8.3	1.47	
11	Sat	3.2	4.4	0.12			0.00	7.64	128	74	19.97	7.49	79	58	18.55	7.51	13	14	12.68	4.7		1.7		1.00	7.8	1.45	
12	Sun	2.3					0.00	7.73	185	74	31.63	7.56	130	54	29.45	7.62	11	12	15.68	4.7		1.7		1.78	7.9	2.41	
13	Mon	3.2		0.50			0.00	7.75	170	98	21.58	7.61	110	56	22.39	7.67	17	14	16.51	4.7		2.1		1.09	7.9	1.44	
14	Tue	3.4		0.11			0.00	7.81	175	110	22.39	7.66	88	56	18.55	7.66	19	15	11.90	4.7		2.3		1.04	8.2	1.39	
15	Wed	2.4					0.00	7.85	205	135	30.89	7.57	130	70	28.23	7.61	18	25	17.55	4.7		2.3		1.91	8.2	2.43	
16	Thu	2.9					0.00	7.84	180	146	27.44	7.60	121	82	28.05	7.61	18	22	19.37	4.7		2.3		1.40	8.2	1.83	
17	Fri	2.6					0.00	7.79	195	154	27.26	7.51	111	80	29.22	7.49	26	25	19.46	4.7		1.9		1.58	7.9	2.08	
18	Sat	2.6	2.8	0.11			0.00	7.78	208	106	30.17	7.50	145	68	30.03	7.59	18	13	19.75	4.7		1.7		1.52	7.9	2.08	
19	Sun	2.4		0.54			0.00	7.75	145	88	24.48	7.57	108	56	26.73	7.61	30	23	19.41	4.7		1.7		1.70	7.9	2.32	
20	Mon	3.3					0.00	7.73	175	138	19.75	7.57	111	66	20.90	7.56	21	20	16.21	4.7		2.1		1.07	7.9	1.42	
21	Tue	3.8					0.00	7.85	130	88	19.62	7.60	92	48	17.35	7.57	22	16	11.09	4.7		2.2		0.80	8.2	1.12	
22	Wed	2.6		0.07			0.00	7.84	185	116	28.32	7.58	112	60	25.80	7.57	20	14	17.38	4.7		2.2		1.61	8.2	2.10	60
23	Thu	2.5		0.16			0.00	7.86	215	158	30.17	7.61	118	104	29.74	7.62	15	11	20.54	4.7		2.2		1.77	8.2	2.29	
24	Fri	2.2					0.00	7.80	200	124	31.50	7.56	145	73	28.77	7.61	22	15	24.97	4.7		1.9		1.93	7.9	2.52	
25	Sat	1.8	2.7	0.02			0.00	7.81	185	98	35.31	7.48	125	70	32.54	7.58	16	16	23.40	4.6		1.7		2.49	7.9	3.33	
26	Sun	2.0		0.18			0.00	7.78	215	102	37.17	7.49	130	54	35.01	7.48	15	6	26.78	4.6		1.7		2.19	7.7	2.86	
27	Mon	2.3					0.00	7.78	230	167	34.40	7.55	139	66	31.25	7.55	19	17	24.42	4.6		2.0		1.90	7.9	2.44	
28	Tue	2.6					0.00	7.75	170	130	30.22	7.61	128	56	27.39	7.64	19	13	20.12	4.6		2.2		1.66	7.6	1.97	
29	Wed	4.1					0.00	7.88	116	117	18.32	7.63	88	68	19.09	7.49	20	19	14.96	4.6		2.2		0.68	8.3	1.04	
30	Thu	5.3		0.08		0.9	0.00	7.74	145	234	14.41	7.57	99	84	15.36	7.48	28	23	12.02	4.9		2.6		0.42	9.2	0.72	
31	Fri	5.5	3.4	0.07		2.2	0.00	7.83	119	250	10.80	7.48	82	137	10.51	7.31	24	30	8.11	5.2		2.3		0.36	8.7	0.59	
AVERAGE		3.4		0.11		0.5	0.00	7.84	163	122	23.58	7.56	106	68	23.05	7.54	19	19	16.27	4.8	1	2.1	4	1.25	8.2	1.68	4
MAXIMUM		7.4	4.4	1.01		6.4	0.00	8.56	230	250	37.17	7.70	145	137	35.01	7.77	30	30	26.78	6.2	40	3.4	120	2.49	10.8	3.33	60
MINIMUM		1.8		0.02		0.0	0.00	7.64	57	74	8.75	7.42	47	48	7.27	7.31	11	6	6.39	4.6	40	1.7	120	0.23	7.6	0.47	60
# OF DATA		31		14		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1	31	1		31		2
TOTAL		107		3.40		15	0	243	5040	3770	731	234	3277	2106	715	234	596	582	504	148	40	67	120		256		120

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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	6.3	7.40	9		509		11		652		1.64		97		10.6				
2	Thu	4.1	7.57	6		241		8		296		0.93		37		11.0				
3	Fri	1.9	7.62	5		92		7		132		0.68		14		10.4				
4	Sat	1.8	7.87	4	6	83	228	7	8	125	298	0.65	1.10	12	42	10.1				
5	Sun	1.8	7.71	4		82		8		152		0.57		11		10.0				
6	Mon	3.7	7.49	7		246		10		373		1.77		66		9.5				
7	Tue	6.4	7.77	7		412		11		676		0.61		37		9.8				
8	Wed	4.8	7.47	5		232		16		704		0.47		21		10.3				
9	Thu	3.7	7.51	5		171		9		309		0.54		20		9.3				
10	Fri	2.7	7.94	4		117		6		154		0.98		27		9.0				
11	Sat	2.6	7.64	4	5	102	195	6	9	147	359	1.27	0.89	34	31	9.3				
12	Sun	1.8	7.68	3		48		5		87		0.53		10		9.5				
13	Mon	2.9	7.72	3		73		4		108		0.76		20		9.9				
14	Tue	3.1	7.78	5		128		3		93		0.70		20		10.7				
15	Wed	2.0	7.85	4		84		7		130		0.69		14		10.4				
16	Thu	2.3	7.78	4		104		7		163		0.75		18		9.9				
17	Fri	2.0	7.69	12		256		17		352		3.31		71		9.2				
18	Sat	2.0	7.68	3	5	62	108	3	6	64	142	0.72	1.07	15	24	10.0				
19	Sun	1.9	7.68	10		202		16		307		3.25		64		10.4				
20	Mon	2.8	7.60	4		109		6		150		0.67		18		10.2				
21	Tue	3.3	7.67	5		160		5		144		0.65		21		10.3				
22	Wed	2.1	8.17	4		97		5		99		0.54		12		10.3				
23	Thu	2.0	7.77	4		85		4		73		0.59		12		10.6				
24	Fri	1.9	7.73	4		67		5		84		0.64		12		10.7				
25	Sat	1.5	7.76	3	5	49	110	5	6	76	133	0.51	0.98	8	21	10.8				
26	Sun	1.6	7.79	3		48		3		46		0.53		9		10.7				
27	Mon	1.8	7.68	3		65		9		173		0.80		15		10.6				
28	Tue	2.1	7.90	3		71		3		59		0.71		15		10.3				
29	Wed	3.3	7.76	5		163		7		220		0.64		22		9.5				
30	Thu	4.6	7.74	8		342		12		510		0.76		34		9.9				
31	Fri	4.9	7.78	7	5	302	151	7	6	320	198	0.75	0.66	34	20	10.2				
AVERAGE		2.9	7.72	5		155		7		225		0.92		27		10.1				
MAXIMUM		6.4	8.17	12	6	509	228	17	9	704	359	3.31	1.10	97	42	11.0				
MINIMUM		1.5	7.40	3		48		3		46		0.47		8		9.0				
# OF DATA		31	31	31		31		31		31		31		31		31				
TOTAL		90	239	155		4801		222		6977		29		822		313.4				

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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 Hours per day	Sludge to Headworks (gal x 1000)		
1	Wed					21	3	273	6	3	112		
2	Thu					20	0	272	6	4	160		
3	Fri			27		20	0	265	6	4	160		
4	Sat					20	0	281	6	4	159		
5	Sun					20	0	297	6	4	159		
6	Mon			14	27	25	0	305	6	4	163		
7	Tue					25	0	310	6	1	55		
8	Wed					21	0	310	6	4	171		
9	Thu			20	20	20	0	306	6	4	159		
10	Fri					21	0	296	6	4	138		
11	Sat					21	0	295	6	4	158		
12	Sun					20	0	290	6	4	160		
13	Mon					20	0	289	6	4	162		
14	Tue					20	0	290	6	4	163		
15	Wed					20	0	285	6	4	166		
16	Thu					20	0	283	6	4	163		
17	Fri					20	0	282	6	4	163		
18	Sat					20	0	281	6	4	162		
19	Sun					20	0	281	6	4	175		
20	Mon					20	0	279	6	4	181		
21	Tue					20	0	281	6	4	189		
22	Wed					20	3	277	6	4	187		
23	Thu					20	0	274	6	4	187		
24	Fri					20	0	289	6	4	187		
25	Sat					20	0	305	6	4	187		
26	Sun					20	0	306	6	4	186		
27	Mon					20	0	304	6	4	185		
28	Tue					20	0	301	6	4	186		
29	Wed					20	0	297	6	4	187		
30	Thu					21	0	299	6	4	168		
31	Fri			27		22	0	302	6	3	151		
AVERAGE				3	2	20	0	290	6	4	164		
MAXIMUM				27	27	25	3	310	6	4	189		
MINIMUM				14	20	20	0	265	6	1	55		
# OF DATA				4	2	31	31	31	31	31	31		
TOTAL				88	47	627	6	9004	186	132	5087		

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		
% 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	Wed								96				95	21				49			0.7	
2	Thu								96				95	11				37			0.6	
3	Fri								96				95	18				56			0.6	
4	Sat								96				95	9				37	0.17		0.5	
5	Sun								96				95	17				46	0.13		0.5	
6	Mon		4.35	80.0	6.41	1.21	64.6	6.74	96	2.72	60.2	7.00	95	26	4.26	60.5	7.10	10			0.5	30
7	Tue								96				95	17				43			0.3	
8	Wed								96				95	14				48			0.4	
9	Thu								96				95	21				51			0.4	
10	Fri								96				95	12				37			0.8	
11	Sat								96				95	15				38			1.8	
12	Sun								96				95	19				42			8.8	
13	Mon		2.94	77.5	6.88	1.31	56.9	7.12	96	1.53	58.5	7.23	95	32	4.61	57.3	7.12	26			20.9	31
14	Tue								96				95	5				4			34.2	
15	Wed								96				95	13				33			48.3	
16	Thu								96				95	12				32			61.0	
17	Fri								96				95	18				44			68.2	
18	Sat								96				95	13				45	0.19		73.8	
19	Sun								96				95	18				56	0.06		81.0	
20	Mon		3.35	71.8	6.39	2.49	58.3	6.74	96	1.28	57.4	7.06	95	26	4.36	56.2	6.87	15	1.04		85.1	27
21	Tue								96				95	4				0			87.4	
22	Wed								96				95	19				47			42.2	
23	Thu								96				95	18				50			0.6	
24	Fri								96				95	15				41	0.10		0.6	
25	Sat								96				95	15				42			0.6	
26	Sun								96				95	15				48			0.7	
27	Mon		1.41	77.1	6.88	2.65	52.3	6.77	96	1.28	46.7	7.22	95	26	3.78	53.5	7.21	18			0.7	29
28	Tue								96				95	6				1			0.7	
29	Wed								96				95	15				37			0.7	
30	Thu								96				95	15				39			0.8	
31	Fri								96				95	12				40			0.8	
AVERAGE			3.01	76.6	6.64	1.92	58.0	6.84	96	1.70	55.7	7.13	95	16	4.25	56.9	7.08	36	0.28		20.1	4
MAXIMUM			4.35	80.0	6.88	2.65	64.6	7.12	96	2.72	60.2	7.23	95	32	4.61	60.5	7.21	56	1.04		87.4	31
MINIMUM			1.41	71.8	6.39	1.21	52.3	6.74	96	1.28	46.7	7.00	95	4	3.78	53.5	6.87	0	0.06		0.3	
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	4	4	4	31	6		31	31
TOTAL			12	306	27	8	232	27	2971	7	223	29	2954	497	17	228	28	1111	2		624	116

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NPDES LIMITS AND ANALYSIS

Metals and Cyanide Analysis

INFLUENT									EFFLUENT								
Method: 24 hour composite									Site: Post Cl2 Tank								
Sample Characteristics		Hg	Cr	Cu	Pb		Ni	Zn	CN-	Hg	Cr	Cu	Pb		Ni	Zn	CN-
Sample Number		CO71900	CO1032	CO1042	CO1051		CO1074	CO1092	CO0720	CO71900	CO1032	CO1042	CO1051		CO1074	CO1092	CO0720
Sample Type	Permit Condition	Grab	24 Hour	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour	Grab	24 Hour	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour
	Monitored	Grab	24 Hour	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour	Grab	24 Hour	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour
Frequency	Permit Condition	6 X Annual	4 X Annual	2-31 Days	4 X Annual		4 X Annual	4 X Annual	2-31 Days	6 X Annual	4 X Annual	2-31 Days	4 X Annual		4 X Annual	4 X Annual	2-31 Days
	Monitored	6 X Annual	4 X Annual	2-31 Days	4 X Annual		4 X Annual	4 X Annual	2-31 Days	6 X Annual	4 X Annual	2-31 Days	4 X Annual		4 X Annual	4 X Annual	2-31 Days
Parameter Limits	Daily Maximum											0.055					0.016
	Monthly Average											0.024					0.016
1st Date:	December 1st			0.049								0.025					
2nd Date:	December 8th		<0.005	0.037	0.004		<0.002	0.044	<0.005		<0.005	0.012	<0.001		<0.002	0.025	<0.005
3rd Date:	December 15th			0.120								0.011					
4th Date:	December 22h			0.120					0.005			0.011					0.010
5th Date:	December 29th			0.085								0.011					
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*See Note	0	NA	NA	NA	0
Average			<0.003	0.082	0.004		<0.001	0.044	0.004		<0.003	0.014	<0.001		<0.001	0.025	0.006
Maximum			<0.005	0.120	0.004		<0.002	0.044	0.005		<0.005	0.025	<0.001		<0.002	0.025	0.010

* 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	40	25	3338	2086	45	30	3755	2504	2.70	1.80	225	150	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	4.4	3.4	6	5	228	155	9	7	359	225	1.10	0.92	42	27	9.0	8.17			
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: Dec-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 3,894

Overall Percent Removal of Volatile Solids 59.7%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 27,509

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 452

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 49

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,071

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 34

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

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

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	35%	44%	2%
Secondary Treatment :	82%	72%	29%
Adv. Sec. Treatment :	74%	62%	94%
Overall Treatment :	97%	94%	96%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	6.7	1.7	3.5
Secondary Settling Tank	4.9	1.2	2.6
Final Settling Tank	15.4	3.8	8.1
Total Plant Retention Time	27.0	6.7	14.3

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	921	228	431
Secondary Settling Tank	1216	301	569
Final Settling Tank	620	154	290

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	18	4	8
Secondary Settling Tank	15	4	7
Final Settling Tank	14	4	7

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:

December 7, 21 -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: La Porte	Page: 1 of 1
Facility: La Porte Wastewater Treatment Facility	Permit Number: IN0025577
Monitoring Period: (MM/DD/YY to MM/DD/YY) 12/01/2004 12/31/2004	Check box if no CSO discharge occurred for the month: <input checked="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. 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	Wed	0.2	7.10	10.13																			
2	Thu		4.73	6.36																			
3	Fri		2.44	3.09																			
4	Sat		2.30	3.25																			
5	Sun		2.35	3.51																			
6	Mon	0.23	4.47	10.09																			
7	Tue	1.01	7.37	10.13																			
8	Wed		5.44	6.47																			
9	Thu		4.36	6.42																			
10	Fri		3.35	8.99																			
11	Sat	0.12	3.21	4.73																			
12	Sun		2.31	3.07																			
13	Mon	0.5	3.23	4.52																			
14	Tue	0.11	3.42	4.88																			
15	Wed		2.40	3.20																			
16	Thu		2.90	4.00																			
17	Fri		2.56	3.28																			
18	Sat	0.11	2.56	3.60																			
19	Sun	0.54	2.38	3.72																			
20	Mon		3.26	5.10																			
21	Tue		3.84	4.69																			
22	Wed	0.07	2.65	4.01																			
23	Thu	0.16	2.50	3.41																			
24	Fri		2.24	3.47																			
25	Sat	0.02	1.83	3.01																			
26	Sun	0.18	2.00	3.25																			
27	Mon		2.30	3.40																			
28	Tue		2.57	3.55																			
29	Wed		4.06	5.37																			
30	Thu	0.08	5.32	9.53																			
31	Fri	0.07	5.48	10.10																			
Totals:		3.4	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
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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 02/03/2005
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