

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Feb-14  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

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 Permit # IN0025577  
 Expires 12-31-2014  
 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	Sat	3.6		0.05			0.00	7.57	132	98	20.20	7.77	113	62	21.70	7.77	13	16	20.00	4.6		1.8		0.78	5.0	0.39	
2	Sun	3.6					0.00	7.81	150	180	20.00	7.58	101	66	21.90	7.60	17	20	18.90	4.6		1.8		0.76	4.9	0.35	
3	Mon	3.3		0.12			0.00	7.56	145	142	23.80	7.47	110	58	23.20	7.38	21	16	21.00	4.5		2.1		1.01	4.9	0.49	
4	Tue	3.9					0.00	7.55	160	120	23.30	7.52	118	64	23.10	7.42	28	20	19.30	4.7		2.4		0.82	5.2	0.35	
5	Wed	3.4					0.00	7.49	150	100	22.75	7.36	105	50	23.70	7.42	23	10	19.80	4.5	80	2.2		0.98	4.8	0.41	
6	Thu	2.9					0.00	7.53	180	154	33.30	7.42	133	70	32.00	7.34	20	17	25.40	4.5		2.2		1.35	4.8	0.68	
7	Fri	3.6					0.00	7.43	195	78	29.20	7.39	128	47	29.30	7.35	23	11	26.90	4.6		1.9		0.83	4.9	0.38	
8	Sat	2.9	3.4				0.00	7.58	200	120	32.85	7.52	151	70	30.70	7.48	30	21	24.70	4.6		1.8		1.19	4.8	0.65	
9	Sun	3.0					0.00	7.50	188	204	31.40	7.39	148	64	32.90	7.37	27	18	28.90	4.6		1.8		1.13	4.8	0.61	
10	Mon	3.2					0.00	7.51	170	105	30.20	7.49	126	58	28.00	7.57	23	15	23.90	4.6		2.1		1.07	4.9	0.53	
11	Tue	3.0					0.00	7.67	190	146	32.40	7.47	148	82	33.80	7.48	30	27	29.50	4.6		2.2		1.26	4.8	0.58	
12	Wed	3.4		0.01			0.00	7.56	200	145	28.60	7.54	130	64	29.60	7.53	29	22	27.10	4.6		2.3		1.03	4.9	0.45	
13	Thu	4.0					0.00	7.49	200	156	24.70	7.45	130	72	26.55	7.44	29	25	25.00	4.8		2.3	180	0.78	5.1	0.30	
14	Fri	3.4					0.00	7.53	155	128	25.70	7.52	117	62	26.30	7.51	27	22	22.90	4.7		1.9		0.96	4.8	0.44	
15	Sat	2.7	3.2	0.01			0.00	7.54	240	186	30.90	7.53	168	82	30.30	7.56	21	34	27.50	4.7		1.8		1.36	4.8	0.77	
16	Sun	3.5					0.00	7.63	148	112	22.50	7.57	110	64	25.95	7.58	28	22	24.20	4.7		1.8		0.84	4.9	0.42	
17	Mon	3.1					0.00	7.50	165	167	24.20	7.32	124	78	28.90	7.34	26	20	25.00	4.7		2.1		1.15	4.8	0.54	
18	Tue	4.2		0.18			0.00	7.45	130	162	18.00	7.32	95	92	17.80	7.34	28	22	18.50	4.7		2.3		0.64	6.2	0.47	
19	Wed	5.2				2.7	0.00	7.49	125	237	13.20	7.41	104	136	12.90	7.37	23	36	11.40	5.3		2.6	120	0.53	5.8	0.12	
20	Thu	8.6		1.18		17.0	0.00	7.32	38	102	5.49	7.30	41	120	6.50	7.25	25	43	6.97	6.8		3.2		0.16	11.1	0.30	
21	Fri	9.8				22.0	0.00	7.31	38	38	7.02	7.20	45	80	9.13	7.08	22	29	8.06	7.3		3.7	120	0.11	10.9	0.11	
22	Sat	9.1	6.2			3.6	0.00	7.37	63	42	9.03	7.31	52	46	9.24	7.09	23	22	8.12	7.3		3.7		0.20	9.0	-0.01	
23	Sun	7.2					0.00	7.45	60	54	9.35	7.29	60	70	10.60	7.17	22	26	9.42	6.3		3.0		0.29	9.4	0.31	
24	Mon	4.2					0.00	7.36	107	85	16.70	7.37	91	56	18.20	7.22	25	22	16.35	4.6		2.1		0.59	6.4	0.52	
25	Tue	4.2					0.00	7.39	120	64	18.20	7.25	76	56	16.60	7.16	21	20	15.30	4.6		2.3		0.64	4.5	0.08	
26	Wed	5.4					0.00	7.74	86	84	18.05	7.35	70	58	18.40	7.38	24	30	17.30	5.1		2.6	120	0.44	7.8	0.46	
27	Thu	3.7					0.00	7.48	112	86	21.60	7.42	94	46	23.75	7.42	22	24	21.00	4.6		2.2		0.86	5.4	0.47	
28	Fri	4.0	4.6				0.00	7.50	335	114	20.30	7.38	111	57	21.80	7.37	32	22	20.30	4.6		1.9	120	0.63	4.7	0.17	
AVERAGE		4.4		0.06		1.6	0.00	7.51	149	122	21.89	7.43	107	69	22.60	7.39	24	23	20.10	5.0	3	2.3	24	0.80	5.9	0.40	
MAXIMUM		9.8	6.2	1.18		22.0	0.00	7.81	335	237	33.30	7.77	168	136	33.80	7.77	32	43	29.50	7.3	80	3.7	180	1.36	11.1	0.77	
MINIMUM		2.7		0.00		0.0	0.00	7.31	38	38	5.49	7.20	41	46	6.50	7.08	13	10	6.97	4.5	80	1.8	120	0.11	4.5	-0.01	
# OF DATA		28		28		28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	1	28	5		28		
TOTAL		122		1.55		45	0	210	4181	3409	613	208	2997	1930	633	207	676	631	563	140	80	64	660		165		

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## Final Effluent

Day of the Month	Day of the Week	Effluent Flow in MGal/Day	Maximum Daily pH	Minimum Daily 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	Sat	3.2	8.03	7.09	4		122		4		119		0.85		25		10.4				
2	Sun	3.2	7.68	6.77	6		174		7		210		0.83		25		10.1				
3	Mon	3.0	7.49	6.97	6		175		1		27		0.70		19		11.1				
4	Tue	3.4	7.59	7.03	10		309		9		290		1.39		45		10.8				
5	Wed	3.0	7.33	7.02	10		277		1		29		0.86		25		10.4				
6	Thu	2.5	7.35	6.88	6		132		7		156		0.81		19		10.1				
7	Fri	3.1	7.33	6.91	7		200		1		30		2.17		65		10.5				
8	Sat	2.6	7.51	6.95	11	8	261	218	6	5	146	127	2.51	1.32	61	37	10.2				
9	Sun	2.7	7.32	6.86	6		143		2		38		1.42		36		9.7				
10	Mon	2.9	7.44	6.91	7		197		1		27		1.83		49		9.9				
11	Tue	2.7	7.45	7.04	7		165		10		254		1.37		35		10.2				
12	Wed	3.0	7.57	6.92	11		319		6		170		2.30		65		9.7				
13	Thu	3.5	7.49	7.00	11		363		7		215		2.86		94		10.7				
14	Fri	3.0	7.42	6.62	6		179		3		84		1.94		54		9.9				
15	Sat	2.4	7.64	6.97	6	8	143	216	4	5	91	125	0.85	1.80	19	50	9.2				
16	Sun	3.1	7.68	6.78	7		212		6		160		1.50		44		11.5				
17	Mon	2.8	7.28	6.91	8		201		5		131		1.19		31		12.8				
18	Tue	3.7	7.24	6.96	7		247		5		159		1.63		57		12.7				
19	Wed	4.4	7.40	6.92	10		421		10		434		1.53		66		10.3				
20	Thu	7.5	7.25	6.60	11		764		19		1321		0.94		67		8.9				
21	Fri	8.6	7.00	6.62	9		738		9		738		1.27		104		10.0				
22	Sat	8.0	6.96	6.68	10	9	738	474	11	9	837	540	1.46	1.36	111	69	8.8				
23	Sun	6.6	7.10	6.69	8		481		12		721		1.44		87		9.8				
24	Mon	3.9	7.09	6.65	12		434		5		176		1.71		60		9.4				
25	Tue	3.6	7.18	6.69	7		255		4		122		1.74		61		10.6				
26	Wed	4.8	7.31	7.01	7		304		9		402		3.56		159		9.2				
27	Thu	3.4	7.29	6.97	5		160		5		154		2.77		85		11.9				
28	Fri	3.4	7.30	7.05	10	8	342	303	3	6	100	248	3.19	2.42	106	91	10.0				
AVERAGE		3.9			8		302		6		262		1.67		60		10.3				
MAXIMUM		8.6	8.03		12	9	764	474	19	9	1321	540	3.56	2.42	159	91	12.8				
MINIMUM		2.4		6.60	4		122		1		27		0.70		19		8.8				
# OF DATA		28	28	28	28		28		28		28		28		28		28				
TOTAL		108	207	192	224		8457		169		7339		47		1676		288.8				

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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	Sat					21	0	275	6	2	85		
2	Sun					22	0	275	6	2	86		
3	Mon			34		22	0	270	6	2	87		
4	Tue					26	0	265	6	2	84		
5	Wed					22	0	259	6	2	84		
6	Thu					22	0	253	6	2	84		
7	Fri					22	0	253	6	2	86		
8	Sat					22	0	250	6	2	94		
9	Sun					16	0	258	6	2	92		
10	Mon			27	20	19	0	252	6	2	84		
11	Tue					19	0	252	12	2	84		
12	Wed					19	0	254	9	2	84		
13	Thu					20	0	256	6	2	85		
14	Fri					22	0	255	6	2	85		
15	Sat					21	0	252	6	2	85		
16	Sun					21	0	255	6	2	85		
17	Mon				20	21	0	252	6	2	85		
18	Tue					21	0	253	6	2	86		
19	Wed			20	20	29	0	254	6	2	85		
20	Thu					34	0	252	6	2	85		
21	Fri			27	41	32	0	253	6	2	87		
22	Sat					32	0	269	6	2	83		
23	Sun					26	0	269	7	2	83		
24	Mon					20	0	274	12	2	84		
25	Tue					20	0	275	6	2	83		
26	Wed					20	0	273	6	2	81		
27	Thu					20	0	272	6	2	78		
28	Fri					20	0	272	7	2	78		
AVERAGE					4	4	23	0	261	7	2	85	
MAXIMUM					34	41	34	0	275	12	2	94	
MINIMUM					20	20	16	0	250	6	2	78	
# OF DATA					4	4	28	28	28	28	28	28	
TOTAL					108	101	630	0	7303	184	63	2374	

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		
<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 #1 Volume (gal x 1000)	Storage Tank #2 Volume (gal x 1000)	Storage Tank Supernatant (gal x 1000)	Secondary to Storage Tank (gal x 1000)	
1	Sat								92				97	22				44				263	11.5	
2	Sun								92				97	24				53	0.22			263	11.4	
3	Mon		2.24	77.8	6.49	2.01	51.0	6.95	92	1.32	58.0	6.98	97	23	3.57	59.5		22				287	13.3	23
4	Tue								92				97	15				17				286	14.3	
5	Wed								92				97	19				39				288	14.2	
6	Thu								92				97	24				42				288	18.4	
7	Fri								92				97	21				40				288	21.5	
8	Sat								93				97	19				38				288	21.1	
9	Sun								93				97	19				37				288	21.0	
10	Mon		3.39	83.0	6.40	2.39	55.3	6.94	93	1.29	57.4	6.92	97	20	3.78	62.5	6.94	5				314	21.5	26
11	Tue								93				97	21				31				314	21.6	
12	Wed								93				97	13				33				315	21.7	
13	Thu								93				97	12				33				315	21.6	
14	Fri								93				97	15				36	0.24			315	17.3	
15	Sat								93				97	16				27				315	14.5	
16	Sun								92				97	17				39				315	14.4	
17	Mon		3.79	83.5	6.48	2.49	60.6	6.98	92	1.27	56.2	6.92	97	44	4.04	61.5	6.94	78				288	30.6	
18	Tue								93				97					1				255	34.2	
19	Wed								93				97	0				0				226	29.4	
20	Thu								93				97	32				57				201	29.0	
21	Fri								93				97	49				80				180	24.5	
22	Sat								93				97	24				42				179	7.7	
23	Sun								93				97	39				68				180	7.6	
24	Mon		3.56	76.7	6.26	3.03	49.6	76.70	93	1.39	58.3	6.93	97	33	3.40	58.8	6.93	9				209	9.7	32
25	Tue								93				97	9				0				209	11.3	
26	Wed								92				97	29				67				209	13.4	
27	Thu								93				97	21				38				210	14.9	
28	Fri								93				97	16				41				210	13.9	
AVERAGE			3.25	80.3	6.41	2.48	54.1	24.39	93	1.32	57.5	6.94	97	21	3.70	60.6	6.94	36	0.23			261	18.0	3
MAXIMUM			3.79	83.5	6.49	3.03	60.6	76.70	93	1.39	58.3	6.98	97	49	4.04	62.5	6.94	80	0.24			315	34.2	32
MINIMUM			2.24	76.7	6.26	2.01	49.6	6.94	92	1.27	56.2	6.92	97		3.40	58.8	6.93	0	0.22			179	7.6	
# OF DATA			4	4	4	4	4	4	28	4	4	4	28	28	4	4	3	28	2	28	28	28	28	28
TOTAL			13	321	26	10	217	98	2592	5	230	28	2706	597	15	242	21	1017	0			7299	505	81

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## NPDES LIMITS AND ANALYSIS

**Metals and Cyanide Analysis : All results are given in mg/l**

INFLUENT								EFFLUENT							
Method: 24 hour composite								Site: Post Rake Room							
Site: Post Disinfection															
Sample Characteristics		Cr	Cu	Pb	Ni	Zn	CN, Free	Cr	Cu	Pb	Ni	Zn	CN, Free		
Sample Number															
Sample Type	Permit Condition	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB		
	Monitored	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB		
Frequency	Permit Condition	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual		
	Monitored	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual		
Parameter Limits	Daily Maximum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	Monthly Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
1st Date :	February 5th	0.007	0.039	<0.005	0.009	0.052		<0.005	0.017	<0.005	0.006	0.022			
2nd Date :	February 19th	0.022	0.074	0.010	0.015	0.160	0.007	<0.005	0.018	<0.005	<0.005	0.033	<0.005		
3rd Date :															
4th Date :															
5th Date :															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.015	0.057	0.006	0.012	0.106	0.007	<0.003	0.018	<0.003	0.004	0.028	<0.003		
Maximum		0.022	0.074	0.010	0.015	0.160	0.007	<0.005	0.018	<0.005	0.006	0.033	<0.005		

**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	40	25	3338	2086	45	30	3755	2504	2.70	1.80	225	150	6.0	6-9	0.06	235	125
Times Violated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Max	6.2	4.4	9	8	474	302	9	6	540	262	2.42	1.67	91	60	8.8	8.03			
% of Limit	89%	62%	22%	32%	14%	14%	20%	20%	14%	10%	90%	93%	40%	40%	147%				
Total				0		0		0		0		0		0	0	0	0		0

\*Dissolved Oxygen value is minimum daily average. Percent of limit values for Dissolved Oxygen less than 100% are indicative of a violation.

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Feb-14  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

Page 6 of 6  
 Permit # IN0025577  
 Expires 12-31-2014  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

Total lbs Volatile Solids to Digester 4,888

Overall Percent Removal of Volatile Solids 62.2%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 31,933

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 472

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 52

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 765

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 43

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 5

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 6

### Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	28%	43%	-3%
Secondary Treatment :	77%	67%	11%
Adv. Sec. Treatment :	67%	73%	92%
Overall Treatment :	95%	95%	92%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.5	1.2	2.8
Secondary Settling Tank	3.3	0.9	2.1
Final Settling Tank	10.3	2.9	6.4
Chlorine Contact Tank	0.71	0.20	0.44
Total Plant Retention Time	18.1	5.0	11.3

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1229	341	545
Secondary Settling Tank	1622	450	719
Final Settling Tank	827	229	367

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	7	11
Secondary Settling Tank	19	5	9
Final Settling Tank	19	5	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:

2/10/2014 - Successful test of emergency power system  
 2/24/2014 - Successful test of emergency power system

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 Monthly Report of Operation (CSO MRO)

State Form 50546 (R3 / 7-13)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City:	<b>La Porte</b>	Page: 1 of	<b>2</b>	Permit Number:	<b>IN0025577</b>
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Facility:	<b>La Porte Wastewater Treatment Facility</b>	Public Notification Requirements Met? <b>Y</b>
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Monitoring Period:	<b>February 2014</b>	Check box if no CSO discharge occurred for the month:	<b>X</b>
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Design Peak Inf. Flow(MGD)	<b>9.7</b>	Design Average Flow (MGD)	<b>7.0</b>	Measured/Metered (M) or Estimated (E) must be specified.
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WWTP Influent Data			Precipitation Data					CSO Outfall No. <b>002</b>					CSO Outfall No.							
Day of Month	Avg Infl. Flow Rate (MGD)	Peak Infl. Flow Rate (MGD)	Time Precip. began (AM/PM)	Precip. Duration (HOURS)	Total Daily Precip. (inches)	Peak Intensity (Inch/Hr)	Measurement Interval (hr, 30min, 15min)	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	3.56	5.06	12:00 AM	0.1	0.05	0.02	HR													
2	3.60	4.33																		
3	3.29	3.77	10:13 AM	0.2	0.12	0.06	HR													
4	3.86	9.04																		
5	3.42	4.33																		
6	2.88	4.15																		
7	3.57	4.24																		
8	2.92	3.66																		
9	3.00	4.53																		
10	3.24	3.93																		
11	3.05	3.95																		
12	3.39	3.92			0.01	0.01	HR													
13	3.96	8.90																		
14	3.36	4.28																		
15	2.73	4.06			0.01	0.01	HR													
16	3.49	4.24																		
17	3.13	4.04																		
18	4.22	7.02	10:14 AM	0.3	0.18	0.08	HR													
19	5.20	9.88																		
20	8.56	10.08	5:12 AM	1.7	1.18	0.50	HR													
21	9.83	10.15																		
22	9.12	10.18																		
23	7.20	9.83																		
24	4.23	5.02																		
25	4.20	4.74																		
26	5.35	9.44																		
27	3.70	4.59																		
28	3.98	5.60																		
29																				
30																				
31																				
Totals:	122.05			2.28	1.55							0.0								

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>05/12/2014</b>