

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Jan-09  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

Page 1 of 6  
 Permit # IN0025577  
 Expires 10-31-2009  
 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	Thu	8.2				11.9	0.00	7.21	35	36	9.54	7.18	29	32	9.82	7.24	11	18	7.16	6.9		3.6		0.27	8.9	0.07	
2	Fri	6.6				2.9	0.00	7.25	21	68	12.60	7.18	49	49	15.10	7.15	13	20	12.80	5.5		2.9		0.28	7.0	0.05	
3	Sat	6.7				3.1	0.00	7.23	53	50	11.70	7.21	46	34	12.20	7.16	12	16	8.82	5.0		3.6		0.27	7.1	0.06	
4	Sun	6.2		0.03			0.00	7.21	53	72	12.70	7.17	47	52	13.45	7.25	11	17	9.29	5.5		2.9		0.36	6.6	0.06	
5	Mon	6.0					0.00	7.26	70	85	14.10	7.19	51	70	13.40	7.22	14	21	8.82	4.5	75	2.9		0.24	6.5	0.09	
6	Tue	6.2		0.03		5.3	0.00	7.27	57	56	9.33	7.18	51	48	9.32	7.22	11	20	5.81	5.1		2.7		0.26	6.7	0.08	
7	Wed	4.8		0.08			0.00	7.25	135	148	14.00	7.28	63	44	15.70	7.29	11	13	11.70	4.6		2.3		0.43	5.6	0.17	
8	Thu	6.3		0.04		7.4	0.00	7.22	60	52	10.70	7.25	46	42	10.20	7.29	12	19	10.30	5.5		2.8		0.32	7.1	0.14	
9	Fri	6.1		0.15		1.3	0.00	7.27	60	72	10.70	7.25	43	43	11.70	7.22	13	21	8.19	4.8		2.5		0.21	6.5	0.06	
10	Sat	5.8	5.9	0.34			0.00	7.38	21	56	10.15	7.32	33	40	11.20	7.40	7	16	8.12	4.7		2.8		0.29	6.2	0.06	
11	Sun	6.3		0.05		6.0	0.00	7.12	60	46	10.00	7.10	52	32	11.45	7.13	12	16	7.39	5.4		2.4		0.24	6.8	0.08	
12	Mon	5.1		0.12			0.00	7.20	70	119	12.30	7.19	65	58	14.40	7.21	14	21	11.25	4.7		2.5		0.40	6.1	0.20	
13	Tue	5.7		0.22			0.00	7.20	67	68	9.79	7.21	50	38	9.70	7.26	11	14	6.56	4.7		2.2		0.20	6.2	0.07	
14	Wed	5.9		0.32		4.4	0.00	7.37	59	70	12.10	7.29	43	40	14.10	7.29	11	20	9.51	5.3		2.6		0.33	6.6	0.12	
15	Thu	5.5		0.06			0.00	7.37	53	46	13.10	7.36	48	28	14.20	7.39	11	10	10.00	4.7		2.6		0.32	6.2	0.13	
16	Fri	5.9					0.00	7.35	52	66	10.10	7.32	15	34	10.10	7.36	29	31	9.50	4.9		2.5		0.26	6.3	0.08	
17	Sat	5.2	5.7	0.05		2.2	0.00	7.40	70	66	11.00	7.39	52	54	11.80	7.49	11	15	7.37	5.1		2.0		0.36	6.2	0.18	
18	Sun	5.4		0.04			0.00	7.42	72	64	10.50	7.30	55	46	11.40	7.34	14	17	8.21	4.7		2.7		0.37	6.1	0.14	
19	Mon	6.4		0.08		6.1	0.00	7.43	78	59	10.40	7.45	57	38	9.39	7.51	15	16	5.88	5.4		2.5		0.23	7.0	0.09	
20	Tue	4.9		0.01			0.00	7.26	92	62	12.70	7.21	87	40	12.40	7.22	17	13	7.94	4.7		2.2		0.41	5.9	0.20	
21	Wed	5.6				0.2	0.00	7.29	100	52	11.05	7.25	84	44	13.10	7.20	20	17	8.42	4.7		2.3		0.26	6.0	0.08	
22	Thu	6.4				4.0	0.00	7.35	73	82	10.20	7.24	61	50	13.40	7.23	15	20	8.44	5.2		2.8		0.25	7.1	0.11	
23	Fri	4.6					0.00	7.31	80	62	11.70	7.25	57	36	14.60	7.24	13	18	10.10	4.7		1.9		0.43	5.6	0.21	
24	Sat	5.3	5.5			5.0	0.00	7.34	70	46	10.50	7.21	60	34	11.00	7.28	13	10	8.25	5.3		2.2		0.44	6.6	0.26	
25	Sun	5.4					0.00	7.23	33	86	9.81	7.13	18	42	10.00	7.17	13	10	6.50	4.8		1.8		0.21	6.1	0.12	
26	Mon	5.4					0.00	7.30	85	80	9.47	7.23	61	52	12.50	7.23	13	22	8.48	4.7		2.1		0.26	6.0	0.12	
27	Tue	4.5				2.1	0.00	7.48	80	92	12.00	7.37	71	56	19.80	7.25	12	19	13.80	5.0		2.4		0.63	5.9	0.31	
28	Wed	5.6		0.08		2.8	0.00	7.41	67	77	14.60	7.29	50	40	14.70	7.30	9	16	13.60	5.0		2.4		0.34	6.5	0.16	
29	Thu	5.4					0.00	7.42	73	94	22.40	7.31	62	52	20.05	7.38	12	18	13.90	4.7		2.2		0.28	6.0	0.11	
30	Fri	4.4					0.00	7.45	90	76	14.00	7.34	56	50	18.10	7.35	12	16	12.60	4.7		1.9		0.50	5.5	0.24	
31	Sat	5.7	5.2			0.1	0.00	7.37	72	72	10.10	7.34	55	56	12.10	7.36	12	22	10.50	5.5		2.4		0.38	6.7	0.18	
AVERAGE		5.7		0.05		2.1	0.00	7.31	66	70	11.72	7.26	52	44	12.92	7.28	13	17	9.33	5.0	2	2.5		0.32	6.4	0.13	
MAXIMUM		8.2	5.9	0.34		11.9	0.00	7.48	135	148	22.40	7.45	87	70	20.05	7.51	29	31	13.90	6.9	75	3.6		0.63	8.9	0.31	
MINIMUM		4.4		0.01		0.0	0.00	7.12	21	36	9.33	7.10	15	28	9.32	7.13	7	10	5.81	4.5	75	1.8		0.20	5.5	0.05	
# OF DATA		31		16		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1	31			31		
TOTAL		178		1.70		65	0	227	2060	2180	363	225	1615	1374	400	226	404	541	289	156	75	78			200		

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 2 of 6

Date: Jan-09 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

## 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	Thu	7.5	7.26	5		310		10		688		0.58		40		11.8				
2	Fri	6.0	7.21	5		264		8		440		1.44		79		10.0				
3	Sat	6.1	7.45	4		224		4		224		0.69		39		10.3				
4	Sun	5.7	7.36	4		223		9		440		0.38		20		10.9				
5	Mon	5.4	7.32	4		179		6		298		0.39		19		10.6				
6	Tue	5.6	7.36	4		187		8		415		0.26		13		10.8				
7	Wed	4.4	7.38	3		101		2		81		0.43		17		10.0				
8	Thu	5.6	7.24	4		209		3		157		1.61		84		9.9				
9	Fri	5.6	7.26	5		245		9		459		0.54		28		10.3				
10	Sat	5.2	7.51	4	4	204	192	2	6	97	278	0.32	0.56	16	28	10.9				
11	Sun	5.6	7.38	4		210		2		105		0.29		15		11.1				
12	Mon	4.6	7.27	3		128		7		298		0.38		16		10.5				
13	Tue	5.2	7.30	3		143		4		167		0.16		8		10.8				
14	Wed	5.3	7.42	4		173		4		197		0.18		9		10.9				
15	Thu	4.8	7.49	2		110		7		297		0.33		15		10.9				
16	Fri	5.2	7.43	3		123		7		344		0.15		7		11.6				
17	Sat	4.8	7.74	3	3	149	148	4	5	175	226	0.22	0.24	10	11	10.9				
18	Sun	4.8	7.64	3		125		7		291		0.11		5		10.7				
19	Mon	5.8	7.86	5		242		4		215		0.20		11		11.1				
20	Tue	4.3	7.45	4		163		3		102		0.15		6		10.9				
21	Wed	5.1	7.43	5		243		6		281		0.17		8		10.7				
22	Thu	5.8	7.48	5		277		7		346		0.45		24		11.0				
23	Fri	4.3	7.36	4		146		2		77		0.23		9		10.8				
24	Sat	4.7	7.42	4	4	180	197		4		187	0.43	0.25	19	12	10.8				
25	Sun	5.0	7.36	6		253		5		226		0.20		9		11.5				
26	Mon	4.9	7.42	3		144		7		315		0.23		10		11.0				
27	Tue	4.0	7.55	3		121		7		246		0.44		17		10.4				
28	Wed	5.1	7.59	4		168		4		187		1.71		80		10.5				
29	Thu	5.0	7.50	4		163		5		204		1.43		65		10.6				
30	Fri	4.0	7.59	4		129		2		74		0.82		30		10.7				
31	Sat	5.2	7.48	4	4	194	167	10	6	474	246	0.50	0.76	24	33	10.7				
AVERAGE		5.2	7.44	4		185		5		255		0.50		24		10.8				
MAXIMUM		7.5	7.86	6	4	310	197	10	6	688	278	1.71	0.76	84	33	11.8				
MINIMUM		4.0	7.21	2		101				74		0.11		5		9.9				
# OF DATA		31	31	31		31		31		31		31		31		31				
TOTAL		161	230	119		5728		161		7920		15		751		333.6				

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Jan-09

LaPorte Wastewater Treatment Plant

2101 Boyd Boulevard

LaPorte IN, 46350

Phone # (219)362-2354

Page 3 of 6

Permit # IN0025577

Expires 10-31-2009

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 Hours per day	Sludge to Headworks (gal x 1000)		
1	Thu					20	0	313	6	2	89		
2	Fri					20	9	311	6	2	88		
3	Sat					20	0	307	6	2	89		
4	Sun					20	0	302	6	2	88		
5	Mon			27		20	0	292	6	2	88		
6	Tue					20	0	287	6	2	88		
7	Wed					21	0	286	6	2	87		
8	Thu					20	0	290	6	2	87		
9	Fri					20	0	291	6	2	88		
10	Sat					20	0	287	6	2	88		
11	Sun					20	0	279	6	2	87		
12	Mon			27		28	0	292	6	2	87		
13	Tue					21	0	293	6	2	87		
14	Wed					20	0	290	6	2	102		
15	Thu					20	0	285	6	2	99		
16	Fri					20	0	282	6	2	89		
17	Sat					20	0	280	6	2	88		
18	Sun					20	0	275	6	2	89		
19	Mon			27		20	0	274	6	2	89		
20	Tue					20	0	271	6	2	89		
21	Wed					20	0	276	6	2	89		
22	Thu					20	0	281	6	2	89		
23	Fri					20	5	280	6	2	90		
24	Sat					20	0	277	6	2	89		
25	Sun					20	0	277	6	2	90		
26	Mon					20	6	274	6	2	89		
27	Tue					20	0	270	6	2	90		
28	Wed					20	0	271	6	2	90		
29	Thu					20	0	270	6	2	90		
30	Fri					20	0	268	6	2	89		
31	Sat					20	0	268	6	2	90		
AVERAGE				3		20	1	284	6	2	89		
MAXIMUM				27		28	9	313	6	2	102		
MINIMUM				27		20	0	268	6	2	87		
# OF DATA				3		31	31	31	31	31	31		
TOTAL				81		632	20	8796	186	70	2771		

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		

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Jan-09  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

Page 4 of 6  
 Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

		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	Thu								96				96	18				59			2.2	
2	Fri								96				96	27				74			2.0	
3	Sat								96				96	16				52			2.3	
4	Sun								96				96	16				52	0.07		2.6	
5	Mon		2.64	80.7	6.49	1.40	59.0	6.71	96	1.87	59.8	6.85	96	21	5.34	55.3	6.96	14			2.5	22
6	Tue								96				96	7				11			2.3	
7	Wed								96				96	12				42			2.1	
8	Thu								96				96	13				41			2.0	
9	Fri								96				96	14				46			1.9	
10	Sat								96				96	14				44			1.8	
11	Sun								96				96	22				55			1.8	
12	Mon		3.12	72.7	6.51	1.55	57.3	6.82	96	3.96	58.9	6.99	96	25	4.87	55.7		21			1.7	21
13	Tue								96				96	13				41			1.7	
14	Wed								96				96	17				54			1.6	
15	Thu								96				96	13				48			1.6	
16	Fri								96				96	19				57			1.6	
17	Sat								96				96	14				48			1.5	
18	Sun								96				96	14				51			1.5	
19	Mon		4.16	74.6	6.82	1.30	58.6	6.88	96	3.43	55.2	6.95	95	26	5.08	55.0	6.99	17			1.5	27
20	Tue								96				95	6				0			1.5	
21	Wed								96				95	16				48			1.9	
22	Thu								96				96	16				54			2.1	
23	Fri								96				96	20				60			2.0	
24	Sat								96				96	14				48			2.1	
25	Sun								96				95	16				51			2.1	
26	Mon		2.23	84.7	6.36	1.41	50.5	6.87	96	3.41	54.7	6.92	96	28	5.16	56.2	7.02	16			2.1	26
27	Tue								96				96	12				31			2.4	1
28	Wed								96				96	14				53	0.13		2.4	
29	Thu								96				96	10				38	0.07		2.3	
30	Fri								96				96	21				56	0.14		2.3	
31	Sat								96				96	14				52			2.3	
AVERAGE			3.04	78.2	6.55	1.42	56.4	6.82	96	3.17	57.2	6.93	96	16	5.11	55.6	6.99	43	0.10		2.0	3
MAXIMUM			4.16	84.7	6.82	1.55	59.0	6.88	96	3.96	59.8	6.99	96	28	5.34	56.2	7.02	74	0.14		2.6	27
MINIMUM			2.23	72.7	6.36	1.30	50.5	6.71	96	1.87	54.7	6.85	95	6	4.87	55.0	6.96	0	0.07		1.5	
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	4	4	3	31	4		31	31
TOTAL			12	313	26	6	225	27	2976	13	229	28	2964	509	20	222	21	1332	0		62	98

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 5 of 6

Date: Jan-09  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

## NPDES LIMITS AND ANALYSIS

**Metals and Cyanide Analysis : All results are given in mg/l except mercury (Hg) which is given in ng/l.**

INFLUENT									EFFLUENT						
Method: 24 hour composite (except for Hg, which is grab)									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:	January 7th		<0.005	0.056	<0.005	0.008	0.064	<0.005			0.010				<0.005
2nd Date:	January 14th			0.025							0.009				
3rd Date:	January 21st		<0.005	0.024	<0.005	0.005	0.039	<0.005			0.010				<0.005
4th Date:	January 28th			0.038							0.012				
5th Date:															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	*See Note	0	NA	NA	0
Average			<0.003	0.036	<0.003	0.007	0.052	<0.003			0.010				<0.003
Maximum			<0.005	0.056	<0.005	0.008	0.064	<0.005			0.012				<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	Oxygen*		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		in	(Colonies	(Colonies
																	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	0.06	235	125
Times Violated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Max	5.9	5.7	4	4	197	185	6	5	278	255	0.76	0.50	33	24	9.9	7.86			
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: Jan-09  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

Page 6 of 6  
 Permit # IN0025577  
 Expires 10-31-2009  
 Certified Operator : Jerry P Jackson  
 Certification Number : 11496

Total lbs Volatile Solids to Digester 4,037

Overall Percent Removal of Volatile Solids 65.1%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 18,687

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 476

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 58

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 836

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 27

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 3

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

### Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	22%	37%	-10%
Secondary Treatment :	75%	61%	28%
Adv. Sec. Treatment :	71%	70%	95%
Overall Treatment :	94%	93%	96%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	2.8	1.5	2.1
Secondary Settling Tank	2.0	1.1	1.6
Final Settling Tank	6.4	3.4	4.9
Chlorine Contact Tank	0.44	0.24	0.34
Total Plant Retention Time	11.2	6.0	8.6

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1031	552	716
Secondary Settling Tank	1361	729	946
Final Settling Tank	694	372	482

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	20	11	14
Secondary Settling Tank	16	9	11
Final Settling Tank	16	8	11

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:

February 2nd and 22nd - Successful test of emergency power generator and transfer switch

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: <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)	01/01/2009	01/31/2009	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.)

Day of Month	Day of Week	Precip. in Inches	Avg Infl. Flow Rate (MGD)	Peak Infl. Flow Rate (MGD)	CSO Outfall No. <b>002</b>						CSO Outfall No.						CSO Outfall No.					
					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	Thu		<b>8.25</b>	<b>10.18</b>																		
2	Fri		<b>6.60</b>	<b>10.16</b>																		
3	Sat		<b>6.72</b>	<b>10.12</b>																		
4	Sun	<b>0.03</b>	<b>6.21</b>	<b>7.30</b>																		
5	Mon		<b>5.96</b>	<b>6.66</b>																		
6	Tue	<b>0.03</b>	<b>6.21</b>	<b>10.13</b>																		
7	Wed	<b>0.08</b>	<b>4.84</b>	<b>6.87</b>																		
8	Thu	<b>0.04</b>	<b>6.27</b>	<b>10.08</b>																		
9	Fri	<b>0.15</b>	<b>6.11</b>	<b>10.14</b>																		
10	Sat	<b>0.34</b>	<b>5.81</b>	<b>6.94</b>																		
11	Sun	<b>0.05</b>	<b>6.29</b>	<b>10.16</b>																		
12	Mon	<b>0.12</b>	<b>5.11</b>	<b>6.52</b>																		
13	Tue	<b>0.22</b>	<b>5.73</b>	<b>6.40</b>																		
14	Wed	<b>0.32</b>	<b>5.92</b>	<b>10.18</b>																		
15	Thu	<b>0.06</b>	<b>5.49</b>	<b>6.50</b>																		
16	Fri		<b>5.90</b>	<b>9.10</b>																		
17	Sat	<b>0.05</b>	<b>5.24</b>	<b>10.08</b>																		
18	Sun	<b>0.04</b>	<b>5.37</b>	<b>6.75</b>																		
19	Mon	<b>0.08</b>	<b>6.44</b>	<b>10.14</b>																		
20	Tue	<b>0.01</b>	<b>4.89</b>	<b>6.34</b>																		
21	Wed		<b>5.61</b>	<b>7.31</b>																		
22	Thu		<b>6.38</b>	<b>10.04</b>																		
23	Fri		<b>4.61</b>	<b>5.87</b>																		
24	Sat		<b>5.26</b>	<b>10.04</b>																		
25	Sun		<b>5.42</b>	<b>10.03</b>																		
26	Mon		<b>5.40</b>	<b>6.30</b>																		
27	Tue		<b>4.54</b>	<b>10.11</b>																		
28	Wed	<b>0.08</b>	<b>5.59</b>	<b>10.13</b>																		
29	Thu		<b>5.42</b>	<b>6.24</b>																		
30	Fri		<b>4.42</b>	<b>5.42</b>																		
31	Sat		<b>5.68</b>	<b>10.14</b>																		
Totals:		<b>1.70</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>		<b>0.0</b>		<b>0.00</b>													

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>
------------------------------------------------------------------------------------------------------------------------------	----------------------------------

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>06/15/2009</b>
--------------------------------------------------------------	---------------------------