

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Oct-11  
 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	4.9				0.3	0.00	7.68	83	58	9.29	7.49	33	38	8.66	7.33	9	16	3.43	4.8		1.8		0.34	5.9	0.20	
2	Sun	3.0					0.00	7.64	88	84	18.03	7.44	52	58	17.33	7.15	4	15	5.78	4.6		2.2		1.26	3.5	0.19	
3	Mon	3.8				2.2	0.00	7.54	98	97	14.51	7.41	75	62	13.46	7.18	10	23	5.71	4.8		2.6		0.96	4.5	0.21	
4	Tue	3.1					0.00	7.64	130	148	16.91	7.48	81	56	14.43	7.16	8	20	5.24	4.5		2.4		1.23	3.7	0.20	
5	Wed	3.1					0.00	7.63	125	139	18.33	7.48	88	60	14.96	7.17	12	18	6.21	4.5		2.4		1.23	3.7	0.21	
6	Thu	3.6				1.2	0.00	7.57	140	110	30.45	7.48	98	54	26.49	7.07	9	17	8.88	4.6		2.1		0.89	4.2	0.18	
7	Fri	3.6				1.0	0.00	7.62	129	104	19.19	7.42	91	56	16.70	7.12	14	26	8.23	4.8		2.0		0.89	4.4	0.22	
8	Sat	4.4	3.5				0.00	7.59	73	68	14.99	7.39	65	38	14.35	7.11	11	19	7.31	4.6		1.8		0.46	5.2	0.19	
9	Sun	3.0					0.00	7.54	117	110	24.32	7.42	80	54	21.18	7.18	11	19	9.19	4.6		2.2		1.23	3.6	0.21	
10	Mon	3.8				0.8	0.00	7.61	120	129	22.92	7.41	73	54	17.94	7.19	12	27	8.58	5.0		2.5		0.96	4.6	0.20	
11	Tue	2.8				2.0	0.00	7.51	125	112	18.46	7.40	93	58	15.76	7.11	10	18	6.93	4.3	180	2.2		1.33	3.7	0.30	
12	Wed	3.1					0.00	7.56	130	154	18.67	7.43	86	62	17.14	7.10	13	22	7.29	4.8		2.4		1.32	3.7	0.20	
13	Thu	5.0		0.68		7.7	0.00	7.55	108	116	12.60	7.40	84	90	13.24	7.18	15	21	6.84	5.7		2.4		0.61	6.2	0.22	
14	Fri	6.9				7.9	0.00	7.63	80	60	7.21	7.52	45	59	7.65	7.31	14	32	3.57	6.2		2.2		0.22	8.4	0.22	
15	Sat	3.7	4.1				0.00	7.62	82	66	14.22	7.48	55	48	12.88	7.34	6	19	5.64	4.7		1.9		0.78	4.4	0.19	
16	Sun	3.1		0.10			0.00	7.67	110	84	18.55	7.49	83	44	18.00	7.28	11	15	8.23	4.7		2.2		1.26	3.6	0.18	
17	Mon	3.0					0.00	7.68	105	84	17.76	7.48	81	60	14.86	7.28	11	12	5.92	4.7		2.4		1.41	3.6	0.20	
18	Tue	3.1					0.00	7.68	130	106	18.49	7.51	96	62	16.98	7.23	9	21	7.61	4.7		2.4	280	1.33	3.6	0.19	
19	Wed	6.6		1.70		14.8	0.00	7.51	51	108	5.57	7.42	62	76	7.63	7.41	18	40	4.04	6.1		3.1		0.40	7.9	0.20	
20	Thu	9.2		1.55		23.6	0.00	7.44	21	138	2.37	7.25	38	26	3.86	7.04	10	25	1.32	7.1		3.2		0.12	11.5	0.25	
21	Fri	6.5				12.4	0.00	7.34	39	22	4.56	7.24	44	34	5.46	7.08	12	23	2.99	6.3		3.0		0.42	10.2	0.57	
22	Sat	9.1	5.8				0.00	7.43	30	30	4.39	7.36	35	40	6.61	7.20	13	30	4.56	7.3		3.8		0.24	11.5	0.26	
23	Sun	7.9					0.00	7.38	42	30	5.34	7.33	35	22	5.46	7.13	11	18	3.48	6.5		3.5		0.26	9.7	0.22	
24	Mon	5.4		0.24		5.7	0.00	7.55	82	68	8.46	7.36	48	52	6.69	7.15	11	26	2.83	5.3		2.7		0.48	6.4	0.18	
25	Tue	4.4		0.20			0.00	7.57	67	60	9.05	7.45	59	48	8.78	7.42	11	23	3.91	4.6		2.4		0.57	5.3	0.21	
26	Wed	5.9		0.04		0.6	0.00	7.61	68	76	7.63	7.35	62	42	7.19	7.28	15	24	3.97	5.6		3.0		0.45	7.1	0.20	
27	Thu	4.6		0.20		1.4	0.00	7.55	98	82	10.25	7.33	68	46	9.23	7.24	14	22	4.48	5.2		2.5		0.66	5.6	0.21	
28	Fri	4.0					0.00	7.69	98	138	13.58	7.44	62	58	12.55	7.23	10	23	6.63	4.7		1.8		0.62	4.8	0.19	
29	Sat	4.0	5.2				0.00	7.56	87	58	13.93	7.44	73	44	12.12	7.23	11	20	6.42	4.6		1.8		0.63	4.7	0.18	
30	Sun	3.5		0.25			0.00	7.64	135	132	21.12	7.46	90	70	18.87	7.38	13	31	7.53	4.6		2.2		0.93	4.2	0.20	
31	Mon	4.9		0.04			0.00	7.66	142	88	13.18	7.48	57	58	10.99	7.22	14	28	5.87	5.2		2.8		0.65	5.9	0.21	
AVERAGE		4.6		0.16		2.6	0.00	7.58	95	92	14.01	7.42	67	53	12.82	7.21	11	22	5.76	5.2	6	2.5	9	0.78	5.7	0.22	
MAXIMUM		9.2	5.8	1.70		23.6	0.00	7.69	142	154	30.45	7.52	98	90	26.49	7.42	18	40	9.19	7.3	180	3.8	280	1.41	11.5	0.57	
MINIMUM		2.8		0.04		0.0	0.00	7.34	21	22	2.37	7.24	33	22	3.86	7.04	4	12	1.32	4.3	180	1.8	280	0.12	3.5	0.18	
# OF DATA		31		10		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1	31	1		31		
TOTAL		143		5.00		81	0	235	2931	2859	434	230	2089	1629	397	223	348	693	179	160	180	76	280		175		

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 Certified Operator : Jerry P Jackson  
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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	4.7	7.54	7.29	3		111		7		288		0.10		4		9.5		1.76	25	< 0.01
2	Sun	2.8	7.65	7.43	< 2		25		6		150		0.06		1		9.2		1.81	5	< 0.01
3	Mon	3.5	7.67	7.51	3		88		5		157		0.10		3		9.2		1.81	60	< 0.01
4	Tue	2.9	7.70	7.55	< 2		26		6		142		0.07		2		9.1		2.09	6	< 0.01
5	Wed	2.9	8.02	7.51	3		67		6		154		0.07		2		8.9		1.86	5	< 0.01
6	Thu	3.3	7.66	7.57	3		80		6		178		0.24		7		8.6		1.47	1	< 0.01
7	Fri	3.4	7.65	7.55	4		120		17		509		0.48		14		8.7		1.75	30	< 0.01
8	Sat	4.1	7.66	7.48	3	2	116	75	3	7	109	200	0.19	0.17	7	5	9.1		1.42	22	< 0.01
9	Sun	2.8	7.61	7.42	3		81		6		151		0.11		3		8.9		1.48	3	< 0.01
10	Mon	3.5	7.68	7.54	4		112		9		288		0.20		6		8.8		1.53	54	< 0.01
11	Tue	2.6	7.73	7.48	3		63		5		106		0.10		2		8.8		1.32	3	< 0.01
12	Wed	2.9	7.71	7.45	2		62		10		258		0.08		2		8.9		1.46	3	< 0.01
13	Thu	4.7	7.68	7.50	6		257		5		210		0.36		15		8.8		1.46	39	< 0.01
14	Fri	6.4	7.49	7.22	7		373		17		976		0.13		7		9.2		1.45	120	< 0.01
15	Sat	3.5	7.69	7.50	2	4	71	146	4	8	124	302	0.04	0.15	1	5	9.1		1.72	37	< 0.01
16	Sun	2.9	7.71	7.57	2		54		5		129		0.10		3		9.0		1.30	5	< 0.01
17	Mon	2.8	7.63	7.42	< 2		25		3		74		0.11		3		9.3		1.53	1	< 0.01
18	Tue	2.8	7.69	7.58	3		64		9		230		0.11		3		9.2		1.61	3	< 0.01
19	Wed	6.2	7.61	7.11	7		405		23		1259		0.26		14		9.4		1.44	292	< 0.01
20	Thu	9.3	7.08	6.80	5		384		14		1037		0.09		7		10.1		1.82	186	< 0.01
21	Fri	8.9	7.16	6.86	10		531		9		488		0.57		31		10.1		2.11	160	< 0.01
22	Sat	9.7	7.32	7.17	15	6	1133	371	17	11	1284	643	1.97	0.46	149	30	10.3		1.98	202	< 0.01
23	Sun	7.4	7.30	7.18	5		305		7		431		0.33		22		10.3		1.95	32	< 0.01
24	Mon	5.1	7.41	7.15	7		305		19		853		0.23		10		9.6		1.97	160	< 0.01
25	Tue	4.2	7.41	7.31	4		151		7		258		0.10		4		9.4		2.19	34	< 0.01
26	Wed	5.5	7.53	7.25	5		252		10		495		0.39		19		9.5		1.94	17	< 0.01
27	Thu	4.3	7.53	7.35	4		158		5		193		0.47		18		9.7		1.55	67	< 0.01
28	Fri	3.7	7.58	7.41	3		101		6		201		0.16		5		9.8		1.24	5	< 0.01
29	Sat	3.7	7.68	7.32	3	4	96	195	4	8	133	366	0.10	0.25	3	12	9.9		1.66	14	< 0.01
30	Sun	3.3	7.61	3.30	3		97		13		368		0.10		3		10.2		1.88	1	< 0.01
31	Mon	4.5	7.53	7.33	4		179		13		528		0.43		17		9.9		1.40	3	< 0.01
AVERAGE		4.5			4		190		9		379		0.25		13		9.4		1.68	16	< 0.01
MAXIMUM		9.7	8.02		15	6	1133	371	23	11	1284	643	1.97	0.46	149	30	10.3		2.19	292	< 0.01
MINIMUM		2.6		3.30	<2		25		3		74		0.04		1		8.6		1.24	1	< 0.01
# OF DATA		31	31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		138	235	224	128		5892		274		11760		8		389		290.5		51.96	1595	< 0.01

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2101 Boyd Boulevard  
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Permit # IN0025577

Expires 12-31-2014

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	Sat	140	80			27	0	294	6	2	86		
2	Sun	100	50			23	0	288	6	2	91		
3	Mon	100	50			23	0	289	6	2	86		
4	Tue	120	40			20	0	291	6	2	85		
5	Wed	100	40			22	0	287	6	2	85		
6	Thu	120	60			22	0	282	6	2	85		
7	Fri	70	60		20	32	0	284	6	2	84		
8	Sat	100	60			30	0	283	6	2	84		
9	Sun	90	50			30	0	283	6	2	86		
10	Mon	80	50			29	0	286	6	2	84		
11	Tue	80	40			25	0	288	6	2	84		
12	Wed	100	60			26	0	287	6	2	83		
13	Thu	120	80		34	32	0	287	6	2	83		
14	Fri	250	130	20		31	0	292	6	2	93		
15	Sat	110	60			26	0	296	6	2	85		
16	Sun	90	50			26	0	292	6	2	84		
17	Mon	70	40			26	0	288	6	2	85		
18	Tue	80	60			27	12	283	6	2	86		
19	Wed	150	120			38	5	285	6	2	82		
20	Thu	380	190	34	27	37	0	292	6	2	84		
21	Fri	330	190			22	0	291	6	2	84		
22	Sat	290	200			21	0	296	6	2	83		
23	Sun	190	140			18	0	297	6	2	86		
24	Mon	180	80			15	0	299	6	2	84		
25	Tue	180	80			14	0	291	6	2	85		
26	Wed	200	100			21	0	286	6	2	91		
27	Thu	90	110			22	0	283	6	2	86		
28	Fri	110	45			20	0	274	6	2	84		
29	Sat	130	75			20	0	272	6	2	84		
30	Sun	100	60			20	0	265	6	2	81		
31	Mon	110	70			21	4	264	6	2	80		
AVERAGE		141	81	2	3	25	1	286	6	2	85		
MAXIMUM		380	200	34	34	38	12	299	6	2	93		
MINIMUM		70	40	20	20	14	0	264	6	2	80		
# OF DATA		31	31	2	3	31	31	31	31	31	31		
TOTAL		4360	2520	54	81	769	20	8877	186	70	2635		

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								96				96	20				73	0.19		332		
2	Sun								96				96	15				56			332		
3	Mon		2.73	71.7	6.28	1.48	57.8	6.91	96	1.91	61.7	7.06	96	34	3.69	58.3	6.95	22			376		45
4	Tue								96				96	5				8			377		
5	Wed								96				96	5				9			376		
6	Thu								96				96	4				10			376		
7	Fri								96				96	26				77			376		
8	Sat								96				96	20				60			375		
9	Sun								96				96	19				68			375		
10	Mon		2.53	75.0	6.57	1.64	61.5	6.75	96	1.92	64.2	7.02	96	38	4.15	57.4	7.09	26			369		48
11	Tue								96				96	6				9			357		
12	Wed								96				96	7				9			356		
13	Thu								96				96	22				69			358		
14	Fri								96				96	19				69			357		
15	Sat								96				96	17				63	0.18		357		
16	Sun								96				96	17				63			357		
17	Mon		1.31	83.2	6.33	1.54	59.2	6.82	96	1.93	64.2	7.03	96	42	4.39	58.8	7.07	23			349		54
18	Tue								96				96	12				8			338		
19	Wed								96				96	29				73			343		
20	Thu								96				96	36				105			347		
21	Fri								96				96	17				61			341		
22	Sat								96				96	16				59			330		
23	Sun								96				96	14				54			330		
24	Mon		0.23	90.5	6.40	1.32	64.5	6.85	96	2.07	64.1	7.05	96	29	4.00	60.9	7.15	6			330		41
25	Tue								96				96	3				6			331		
26	Wed								96				96	6				8			331		
27	Thu								96				96	8				21			331		
28	Fri								96				96	15				49			332		
29	Sat								96				96	13				40	0.08		331		
30	Sun								96				96	10				35			330		
31	Mon		3.49	73.3	6.43	1.10	52.9	6.73	96	1.60	60.4	6.97	96	39	4.18	61.9	7.04	25			375		44
AVERAGE			2.06	78.7	6.40	1.42	59.2	6.81	96	1.89	62.9	7.03	96	18	4.08	59.5	7.06	41	0.15		351		8
MAXIMUM			3.49	90.5	6.57	1.64	64.5	6.91	96	2.07	64.2	7.06	96	42	4.39	61.9	7.15	105	0.19		377		54
MINIMUM			0.23	71.7	6.28	1.10	52.9	6.73	96	1.60	60.4	6.97	96	3	3.69	57.4	6.95	6	0.08		330		
# OF DATA			5	5	5	5	5	5	31	5	5	5	31	31	5	5	5	31	3	31	31		31
TOTAL			10	394	32	7	296	34	2976	9	315	35	2976	562	20	297	35	1263	0		10877		233

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

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Date: Oct-11  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard  
 LaPorte IN, 46350  
 Phone # (219)362-2354

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

## 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: October 2nd, 2011								<0.005	0.015	<0.005	<0.005	0.012	<0.005		
2nd Date: October 4th, 2011								<0.005	0.017	<0.005	<0.005	0.012	<0.005		
3rd Date: October 6th, 2011		0.0	0.065	<0.005	0.008	0.055	<0.005	<0.005	0.017	<0.005	<0.005	0.013	<0.005		
4th Date: October 19th, 2011		0.0	0.041	0.007	0.005	0.070		<0.005	0.024	<0.005	<0.005	0.028			
5th Date:															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.0	0.053	0.005	0.007	0.063	<0.003	<0.003	0.018	<0.003	<0.003	0.016	<0.003		
Maximum		0.0	0.065	0.007	0.008	0.070	<0.005	<0.005	0.024	<0.005	<0.005	0.028	<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 (Colonies /100mL)	Mnthly Av Escherichia Coliform (Colonies /100mL)
Limit	None	None	30	20	2504	1669	36	24	3004	2003	2.40	1.60	200	134	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	5.8	4.6	6	4	371	190	11	9	643	379	0.46	0.25	30	13	8.6	8.02	< 0.01	292	16
Total				0		0		0		0		0		0	0	0	0		0

\*Dissolved Oxygen value is minimum daily average

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Total lbs Volatile Solids to Digester 3,351

Overall Percent Removal of Volatile Solids 60.4%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 21,386

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 488

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 56

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 735

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 29

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

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

#### Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	29%	43%	8%
Secondary Treatment :	83%	57%	55%
Adv. Sec. Treatment :	63%	61%	96%
Overall Treatment :	96%	90%	98%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.3	1.3	2.6
Secondary Settling Tank	3.2	1.0	1.9
Final Settling Tank	10.0	3.1	6.1
Chlorine Contact Tank	0.69	0.21	0.42
Total Plant Retention Time	17.5	5.4	10.7

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1151	352	576
Secondary Settling Tank	1520	465	761
Final Settling Tank	775	237	388

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	22	7	11
Secondary Settling Tank	18	6	9
Final Settling Tank	18	5	9

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:

10/11/2011 - Plant influent diverted to storage from 7:44 am to 10:29 am to measure suction piping for replacement Primary Effluent Pump #1.

10/21/2011 - Plant influent diverted to storage 10:04 am to 5:07 pm to clean west influent 24" sewer.

10/31/2011 - 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 DISCHARGE MONITORING REPORT (CSO DMR)

STATE FORM 50546 (9-01)

City:	<b>La Porte</b>	Page:	1 of	<b>1</b>	
Facility:	<b>La Porte Wastewater Treatment Facility</b>	Permit Number:	<b>IN0025577</b>		
Monitoring Period: (MM/DD/YY to MM/DD/YY)	10/01/2011	10/31/2011	Check box if no CSO discharge occurred for the month:		<b>X</b>

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	Sat		<b>4.93</b>	<b>9.82</b>																		
2	Sun		<b>2.99</b>	<b>3.75</b>																		
3	Mon		<b>3.76</b>	<b>9.47</b>																		
4	Tue		<b>3.09</b>	<b>3.91</b>																		
5	Wed		<b>3.08</b>	<b>3.76</b>																		
6	Thu		<b>3.56</b>	<b>9.09</b>																		
7	Fri		<b>3.59</b>	<b>9.40</b>																		
8	Sat		<b>4.36</b>	<b>5.92</b>																		
9	Sun		<b>3.02</b>	<b>3.63</b>																		
10	Mon		<b>3.83</b>	<b>9.38</b>																		
11	Tue		<b>2.82</b>	<b>4.05</b>																		
12	Wed		<b>3.09</b>	<b>3.63</b>																		
13	Thu	<b>0.68</b>	<b>5.04</b>	<b>9.07</b>																		
14	Fri		<b>6.88</b>	<b>9.13</b>																		
15	Sat		<b>3.72</b>	<b>5.25</b>																		
16	Sun	<b>0.10</b>	<b>3.09</b>	<b>4.50</b>																		
17	Mon		<b>2.97</b>	<b>3.57</b>																		
18	Tue		<b>3.07</b>	<b>3.51</b>																		
19	Wed	<b>1.70</b>	<b>6.56</b>	<b>9.55</b>																		
20	Thu	<b>1.55</b>	<b>9.21</b>	<b>10.15</b>																		
21	Fri		<b>6.50</b>	<b>10.19</b>																		
22	Sat		<b>9.05</b>	<b>10.06</b>																		
23	Sun		<b>7.95</b>	<b>9.86</b>																		
24	Mon	<b>0.24</b>	<b>5.38</b>	<b>10.18</b>																		
25	Tue	<b>0.20</b>	<b>4.42</b>	<b>5.89</b>																		
26	Wed	<b>0.04</b>	<b>5.93</b>	<b>10.08</b>																		
27	Thu	<b>0.20</b>	<b>4.62</b>	<b>9.90</b>																		
28	Fri		<b>4.02</b>	<b>6.12</b>																		
29	Sat		<b>3.97</b>	<b>5.59</b>																		
30	Sun	<b>0.25</b>	<b>3.53</b>	<b>6.90</b>																		
31	Mon	<b>0.04</b>	<b>4.87</b>	<b>9.85</b>																		
Totals:		<b>5.00</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  
**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  
**Jerry P Jackson**

Date  
**01/04/2012**