

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jul-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 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	Fri	9.4		0.87		18.5	0.00	7.28	18	98	4.87	7.18	36	72	6.94	6.94	10	48	2.87	7.1		3.7		0.15	11.3	0.20	
2	Sat	9.9		0.12		23.5	0.00	7.33	31	56	5.79	7.28	31	50	6.96	6.98	6	35	3.28	7.4		3.8		0.13	11.7	0.19	
3	Sun	7.3				2.4	0.00	7.73	24	34	6.01	7.43	29	24	6.85	6.99	8	21	3.02	6.9		3.7		0.46	8.9	0.22	
4	Mon	5.4				3.1	0.00	7.28	58	49	9.87	7.26	50	42	9.22	7.00	9	26	3.95	5.1		2.5		0.39	6.3	0.17	
5	Tue	5.7				3.7	0.00	7.53	57	52	8.77	7.38	51	32	15.01	7.07	10	22	9.59	5.4		2.8	120	0.43	6.7	0.17	
6	Wed	6.2				0.3	0.00	7.47	57	61	11.65	7.31	52	72	17.27	7.07	11	29	10.26	5.0		3.0		0.30	7.2	0.17	
7	Thu	5.4				3.8	0.00	7.37	67	90	13.15	7.26	57	46	13.40	7.13	11	26	6.51	5.1		2.6		0.41	6.3	0.16	
8	Fri	5.8					0.00	7.43	68	74	9.67	7.26	55	67	12.70	7.01	12	33	5.56	5.1		2.6		0.32	6.9	0.17	
9	Sat	5.1	5.8			1.0	0.00	7.33	77	44	13.68	7.18	51	24	13.29	7.00	11	16	5.30	5.0		2.1		0.40	6.0	0.17	
10	Sun	6.4				2.9	0.00	7.38	48	42	8.14	7.20	33	8	9.73	6.99	9	10	5.47	5.0		2.8		0.22	7.5	0.18	
11	Mon	6.7		0.34		10.5	0.00	7.61	48	60	15.43	7.33	54	68	11.09	7.03	15	35	5.29	5.7		2.7		0.26	7.9	0.19	
12	Tue	5.5		0.02		0.1	0.00	7.50	47	57	8.27	7.37	40	60	14.60	7.06	8	25	6.52	5.0	60	2.8	160	0.42	6.6	0.21	120
13	Wed	5.3				0.6	0.00	7.62	56	90	9.64	7.36	52	64	9.94	7.15	12	21	4.44	5.8		2.9		0.66	6.3	0.19	
14	Thu	5.2				1.6	0.00	7.40	67	62	10.55	7.26	51	60	12.65	7.28	9	31	5.67	5.0		2.9		0.53	6.1	0.19	
15	Fri	5.7				1.7	0.00	7.48	62	74	8.76	7.25	52	41	10.99	6.99	11	25	5.20	5.2		2.5		0.34	6.8	0.19	
16	Sat	4.5	5.6			1.4	0.00	7.18	80	90	11.36	7.11	54	52	11.13	7.16	10	32	5.34	4.9		1.9		0.49	5.4	0.18	
17	Sun	5.2					0.00	7.53	68	58	9.50	7.30	63	36	10.73	6.98	12	26	5.03	4.6		2.6		0.40	6.2	0.20	
18	Mon	4.6					0.00	7.57	93	92	27.66	7.39	65	58	16.10	7.21	16	45	9.93	4.7		2.3		0.51	5.5	0.18	
19	Tue	5.1		0.02		3.0	0.00	7.55	82	106	26.17	7.21	69	106	14.28	7.04	17	61	9.06	5.0		2.6		0.48	6.2	0.20	
20	Wed	5.9		0.02		3.8	0.00	8.31	76	121	9.23	7.79	70	84	12.13	7.32	17	45	7.11	5.8		3.0		0.50	7.1	0.20	
21	Thu	5.0					0.00	7.71	88	138	11.42	7.46	70	62	11.70	7.27	11	33	5.97	4.9		2.7	225	0.50	5.9	0.18	
22	Fri	6.1		0.15		6.2	0.00	7.82	145	256	8.20	7.48	76	91	10.13	7.20	13	37	6.24	5.8		2.9		0.42	7.3	0.19	
23	Sat	4.2	5.2				0.00	7.67	82	70	11.63	7.43	60	62	12.57	7.17	9	30	7.89	4.7		1.9		0.56	5.0	0.19	
24	Sun	4.8		0.12			0.00	7.74	67	90	9.42	7.48	58	70	11.65	7.22	7	29	6.11	5.5		2.5		0.65	5.9	0.22	
25	Mon	5.0				0.5	0.00	7.49	98	121	11.08	7.43	70	54	9.34	7.25	13	31	4.32	4.9		2.4		0.48	5.9	0.18	
26	Tue	4.5					0.00	7.60	77	68	11.15	7.47	58	46	11.18	7.16	8	24	5.32	4.6		2.5		0.59	5.3	0.18	
27	Wed	4.4		0.02			0.00	7.73	77	153	9.84	7.56	70	56	12.06	7.19	11	24	6.00	4.6		2.6		0.61	5.3	0.20	
28	Thu	6.0		0.11		0.6	0.00	7.67	78	114	8.60	7.50	61	76	6.77	7.18	11	31	3.76	5.6		3.1		0.45	7.4	0.23	
29	Fri	8.7		1.40		16.1	0.00	7.49	65	70	2.08	7.44	42	96	2.64	7.17	11	36	1.54	6.8		3.6	105	0.19	10.2	0.17	
30	Sat	9.7	6.2			12.4	0.00	7.57	18	36	2.23	7.45	26	78	2.54	7.16	5	37	1.47	7.2		3.8		0.13	11.8	0.21	
31	Sun	6.9				0.8	0.00	7.58	38	36	4.07	7.45	33	58	5.37	7.18	6	29	2.30	5.2		2.5		0.12	8.4	0.22	
AVERAGE		6.0		0.10		3.8	0.00	7.55	65	83	10.25	7.36	53	59	10.68	7.11	11	31	5.49	5.4	2	2.8	20	0.40	7.1	0.19	4
MAXIMUM		9.9	6.2	1.40		23.5	0.00	8.31	145	256	27.66	7.79	76	106	17.27	7.32	17	61	10.26	7.4	60	3.8	225	0.66	11.8	0.23	120
MINIMUM		4.2		0.02		0.0	0.00	7.18	18	34	2.08	7.11	26	8	2.54	6.94	5	10	1.47	4.6	60	1.9	105	0.13	5.0	0.16	120
# OF DATA		31		11		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1	31	4		31		1
TOTAL		186		3.19		118	0	234	2017	2562	318	228	1639	1815	331	221	329	952	170	169	60	86	610		221		120

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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	Fri	8.6	7.22	6.81	4		322		26		2041		0.12		9		8.5		1.44	145	< 0.01
2	Sat	9.0	7.31	6.96	4		305		18		1482		0.12		10		7.9		1.53	142	< 0.01
3	Sun	6.7	7.32	7.04	4		237		3		182		0.14		8		7.9		1.57	33	< 0.01
4	Mon	5.0	7.28	7.21	3		126		13		586		0.08		4		8.1		1.86	13	< 0.01
5	Tue	5.3	7.34	7.25	5		215		8		359		0.86		41		8.2		1.40	12	< 0.01
6	Wed	5.6	7.37	7.20	5		232		16		825		0.64		33		7.8		1.75	72	< 0.01
7	Thu	5.0	7.41	7.22	4		162		9		383		0.41		18		8.1		1.43	1	< 0.01
8	Fri	5.4	7.38	6.79	3		161		12		584		0.20		10		8.2		1.46	77	< 0.01
9	Sat	4.7	7.43	7.05	2	4	102	176	1	9	42	423	0.16	0.36	7	17	8.3		1.60	51	< 0.01
10	Sun	5.8	7.34	7.07	3		138		3		133		0.10		5		8.3		1.51	77	< 0.01
11	Mon	6.1	7.38	7.18	6		307		20		1115		0.93		52		8.0		1.91	19	< 0.01
12	Tue	5.4	7.29	7.01	3		132		4		183		0.29		13		8.0		1.59	46	< 0.01
13	Wed	5.1	7.34	7.29	3		132		7		308		0.16		7		8.5		1.69	53	< 0.01
14	Thu	4.8	7.42	7.28	3		134		15		625		0.13		6		8.4		1.58	54	< 0.01
15	Fri	5.3	7.44	7.26	3		133		5		238		0.13		6		8.3		1.33	122	< 0.01
16	Sat	4.4	7.33	7.23	4	3	159	162	16	10	607	458	0.24	0.28	9	14	8.4		1.42	5	< 0.01
17	Sun	4.9	7.32	7.06	3		130		10		410		0.14		6		8.3		1.67	33	< 0.01
18	Mon	4.5	7.45	7.25	5		182		6		232		0.28		11		7.8		1.51	3	< 0.01
19	Tue	4.7	7.35	7.29	3		124		23		963		0.39		17		7.9		1.51	36	< 0.01
20	Wed	5.3	7.71	7.36	7		329		23		1131		0.62		30		7.4		2.29	66	< 0.01
21	Thu	4.8	7.67	7.55	3		109		6		253		0.18		8		7.6		1.51	13	< 0.01
22	Fri	5.7	7.73	7.51	4		210		19		971		0.27		14		7.7		1.53	17	< 0.01
23	Sat	4.1	7.74	7.59	2	4	70	165	9	14	317	611	0.12	0.29	4	13	7.6		1.28	26	< 0.01
24	Sun	4.7	7.67	7.50	< 2		40		9		342		0.25		10		8.1		1.38	2	< 0.01
25	Mon	4.6	7.79	7.57	4		167		11		459		0.11		5		8.1		1.51	17	< 0.01
26	Tue	4.2	7.72	7.57	3		104		2		74		0.10		4		8.0		1.28	62	< 0.01
27	Wed	4.2	7.67	7.48	< 2		37		10		371		0.10		4		8.1		1.67	18	< 0.01
28	Thu	5.7	7.72	7.42	4		191		14		704		0.10		5		8.0		1.51	26	< 0.01
29	Fri	8.2	7.64	7.28	6		415		20		1457		0.15		11		7.9		1.47	66	< 0.01
30	Sat	8.9	7.53	7.40	5	3	374	190	23	13	1868	754	0.15	0.14	12	7	8.0		1.57	55	< 0.01
31	Sun	6.4	7.58	7.49	< 2		57		10		573		0.12		7		7.9		1.69	18	< 0.01
AVERAGE		5.6			3		179		12		639		0.25		12		8.0		1.56	27	< 0.01
MAXIMUM		9.0	7.79		7	4	415	190	26	14	2041	754	0.93	0.36	52	17	8.5		2.29	145	< 0.01
MINIMUM		4.1		6.79	< 2		37		1		42		0.08		4		7.4		1.28	1	< 0.01
# OF DATA		31	31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		173	232	225	107		5536		368		19818		8		386		249.3		48.45	1380	< 0.01

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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	Fri	260	200			42	0	278	6	2	86		
2	Sat	300	150			29	0	292	6	2	87		
3	Sun	200	130			24	0	293	6	2	94		
4	Mon	146	70			32	0	291	6	2	98		
5	Tue	280	100		61	32	0	289	6	2	87		
6	Wed	140	130			27	0	284	6	2	86		
7	Thu	140	110			27	0	282	6	2	88		
8	Fri	160	100		34	26	0	282	6	2	95		
9	Sat	190	90			34	0	281	6	2	85		
10	Sun	170	110			31	0	280	6	2	86		
11	Mon	120	120			34	0	272	6	2	71		
12	Tue	141	120			31	0	286	6	2	106		
13	Wed	240	100			24	0	288	6	2	90		
14	Thu	160	100			31	4	267	6	2	86		
15	Fri	220	100	27	34	26	0	302	6	2	99		
16	Sat	70	80			31	0	301	6	2	86		
17	Sun	150	90			31	0	294	6	2	86		
18	Mon	140	90			32	0	286	6	2	97		
19	Tue	140	80			33	0	291	6	2	90		
20	Wed	120	100			39	16	301	6	2	96		
21	Thu	160	100			37	5	296	6	2	92		
22	Fri	170	150			37	0	292	6	2	105		
23	Sat	130	80			38	0	282	6	2	97		
24	Sun	160	90			32	0	279	6	2	130		
25	Mon	200	60	20	20	41	0	285	6	2	101		
26	Tue	128	100			32	4	286	6	2	96		
27	Wed	140	60			42	0	282	6	4	136		
28	Thu	160	90	20		44	0	281	6	2	96		
29	Fri	220	190	27	41	38	0	283	6	2	90		
30	Sat	250	220			39	0	278	6	2	95		
31	Sun	190	130			38	0	282	6	2	102		
AVERAGE		174	111	3	6	33	1	286	6	2	95		
MAXIMUM		300	220	27	61	44	16	302	6	4	136		
MINIMUM		70	60	20	20	24	0	267	6	2	71		
# OF DATA		31	31	4	5	31	31	31	31	31	31		
TOTAL		5395	3440	95	189	1033	29	8866	186	72	2939		

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 #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	Fri								96				96	37				95			130		
2	Sat								96				96	25				65			130		
3	Sun								96				96	14				44	0.08		130		
4	Mon		4.17	70.7	6.63	1.83	63.6	6.75	96	2.22	58.3	6.88	96	30	4.51	56.9	7.02	18			158		29
5	Tue								96				96	15				30			158		
6	Wed								96				96	15				37			119		
7	Thu								96				96	18				51			101		
8	Fri								96				96	16				56			101		
9	Sat								96				96	22				52			101		
10	Sun								96				96	22				51			100		
11	Mon		2.87	76.5	6.42	1.79	50.7	6.75	96	2.42	52.8	6.97	96	29	4.49	55.7	6.98	21			133		32
12	Tue								96				96	11				16			131		
13	Wed								96				96	17				41			130		
14	Thu								96				96	40				93			128		
15	Fri								96				96	9				30			115		
16	Sat								96				96	25				60			115		
17	Sun								96				96	17				56			114		
18	Mon		2.93	71.4	6.32	1.99	52.8	6.81	96	2.01	53.6	7.01	96	30	4.65	57.6	7.05	23			145		32
19	Tue								96				96	14				22			144		
20	Wed								96				96	41				90			144		
21	Thu								96				96	22				58			123		
22	Fri								96				96	26				54	0.29		123		
23	Sat								96				96	23				58			123		
24	Sun								96				96	17				42			123		
25	Mon		2.30	72.5	6.24	2.13	57.1	6.63	96	1.94	63.1	6.75	96	37	5.21	57.0	7.17	20			156		33
26	Tue								96				96	21				42			155		
27	Wed								96				96	26				75			154		
28	Thu								96				96	34				76			141		
29	Fri								96				96	35				87	1.47		146		
30	Sat								96				96	25				61			145		
31	Sun								96				96	24				66			145		
AVERAGE			3.07	72.8	6.40	1.94	56.1	6.74	96	2.15	57.0	6.90	96	24	4.72	56.8	7.06	51	0.61		131		4
MAXIMUM			4.17	76.5	6.63	2.13	63.6	6.81	96	2.42	63.1	7.01	96	41	5.21	57.6	7.17	95	1.47		158		33
MINIMUM			2.30	70.7	6.24	1.79	50.7	6.63	96	1.94	52.8	6.75	96	9	4.49	55.7	6.98	16	0.08		100		
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	4	4	4	31	3	31	31		31
TOTAL			12	291	26	8	224	27	2977	9	228	28	2976	736	19	227	28	1591	2		4058		127

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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:	July 12th, 2011	<0.005	0.035	<0.005	0.005	0.038		<0.005	0.017	<0.005	0.006	0.018			
2nd Date:	July 27th, 2011	0.012	0.059	0.013	0.026	0.091	<0.005	<0.005	0.018	<0.005	0.006	0.019	<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		0.0	0.047	0.008	0.016	0.065	<0.003	<0.003	0.018	<0.003	0.006	0.019	<0.003		
Maximum		0.0	0.059	0.013	0.026	0.091	<0.005	<0.005	0.018	<0.005	0.006	0.019	<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	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	6.2	6.0	4	3	190	179	14	12	754	639	0.36	0.25	17	12	7.4	7.79	< 0.01	145	27
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: Jul-11
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

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Total lbs Volatile Solids to Digester 6,203

Overall Percent Removal of Volatile Solids 50.8%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 19,127

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 514

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 64

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 928

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 28

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 :	19%	29%	-4%
Secondary Treatment :	80%	48%	49%
Adv. Sec. Treatment :	68%	61%	95%
Overall Treatment :	95%	86%	98%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	2.9	1.2	2.0
Secondary Settling Tank	2.1	0.9	1.5
Final Settling Tank	6.6	2.8	4.7
Chlorine Contact Tank	0.46	0.20	0.32
Total Plant Retention Time	11.7	5.0	8.2

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1234	528	749
Secondary Settling Tank	1629	697	989
Final Settling Tank	830	355	504

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	10	15
Secondary Settling Tank	19	8	12
Final Settling Tank	19	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:

7/21/2011 - Utility power off 2:45 pm - 3:20 pm, on emergency power

7/22/2011 - Utility power off 3:49 am - 10:00 am, on emergency power

7/6 & 7/25 - 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: La Porte	Page:	1 of	1
Facility: La Porte Wastewater Treatment Facility	Permit Number:	IN0025577	
Monitoring Period: (MM/DD/YY to MM/DD/YY)	07/01/2011	07/31/2011	Check box if no CSO discharge occurred for the month: <input checked="" type="checkbox"/>

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	0.87	9.41	10.17																					
2	Sat	0.12	9.87	10.18																					
3	Sun		7.27	10.20																					
4	Mon		5.40	10.16																					
5	Tue		5.74	10.12																					
6	Wed		6.18	9.20																					
7	Thu		5.41	10.18																					
8	Fri		5.83	7.74																					
9	Sat		5.08	10.22																					
10	Sun		6.36	10.20																					
11	Mon	0.34	6.68	10.18																					
12	Tue	0.02	5.48	10.18																					
13	Wed		5.28	9.24																					
14	Thu		5.17	10.11																					
15	Fri		5.70	10.15																					
16	Sat		4.55	10.16																					
17	Sun		5.18	6.81																					
18	Mon		4.63	7.45																					
19	Tue	0.02	5.13	9.97																					
20	Wed	0.02	5.89	10.20																					
21	Thu		5.05	6.74																					
22	Fri	0.15	6.13	10.14																					
23	Sat		4.23	6.44																					
24	Sun	0.12	4.83	7.89																					
25	Mon		5.00	10.21																					
26	Tue		4.45	6.54																					
27	Wed	0.02	4.44	6.46																					
28	Thu	0.11	6.03	9.61																					
29	Fri	1.40	8.74	10.15																					
30	Sat		9.74	10.18																					
31	Sun		6.87	10.16																					
Totals:		3.19	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 09/19/2011
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