

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Oct-12
 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	Mon	2.5					0.00	7.73	135	171	26.32	7.53	92	60	24.14	7.28	7	14	10.95	4.8		2.1	1.77	5.0	0.99		
2	Tue	2.8		0.01			0.00	7.68	180	122	24.77	7.50	103	58	20.49	7.36	15	18	8.65	4.8		2.3	1.56	4.8	0.74		
3	Wed	2.5		0.06			0.00	7.69	195	136	23.95	7.54	130	60	25.09	7.32	36	15	10.35	4.8		2.3	1.84	4.8	0.93		
4	Thu	3.1		0.02			0.00	7.70	160	146	19.36	7.57	102	50	23.27	7.34	12	11	12.35	4.7		2.4	1.30	5.6	0.81		
5	Fri	2.5		0.02			0.00	7.71	210	138	25.65	7.60	123	68	25.05	7.38	14	11	11.53	4.8		2.0	1.67	4.8	0.91		
6	Sat	2.7	2.7				0.00	7.83	180	128	23.52	7.57	135	72	27.87	7.48	17	15	13.22	4.9		1.8	1.50	4.9	0.84		
7	Sun	2.3		0.04			0.00	7.80	235	134	24.86	7.61	126	66	23.41	7.45	14	13	10.24	4.8		1.8	1.92	4.6	1.02		
8	Mon	2.8					0.00	7.79	215	148	20.88	7.63	106	60	20.11	7.41	15	28	12.73	4.8		2.2	1.46	5.4	0.93		
9	Tue	2.4		0.20			0.00	7.79	200	162	25.80	7.64	110	60	21.43	7.50	13	12	8.56	4.7	160	2.3	1.91	4.9	1.03		
10	Wed	3.9		0.13		1.9	0.00	7.75	160	151	14.57	7.49	105	80	14.67	7.52	19	16	7.81	5.0		2.3	0.90	6.1	0.57		
11	Thu	2.4					0.00	7.77	150	142	28.35	7.55	114	72	24.69	7.37	12	13	11.13	4.7		2.4	1.97	4.8	0.99		
12	Fri	3.0					0.00	7.76	110	178	27.97	7.53	118	76	32.60	7.44	16	16	19.20	4.8		2.0	1.25	6.2	1.05		
13	Sat	5.4	3.2	0.43		4.9	0.00	7.77	77	224	8.18	7.56	86	120	13.49	7.42	21	45	9.17	5.7		2.3	0.47	8.3	0.53		
14	Sun	7.5		0.81		10.5	0.00	7.52	67	106	6.15	7.26	55	68	6.19	7.20	17	30	4.14	6.5		2.8	0.24	9.3	0.24		
15	Mon	4.5		0.05			0.00	7.59	78	92	15.93	7.48	58	64	13.65	7.32	14	27	8.05	5.2		2.3	0.66	7.7	0.71		
16	Tue	3.2					0.00	7.86	103	126	16.70	7.60	71	70	17.76	7.35	14	25	7.00	4.7		2.4	60	1.23	6.1	0.94	
17	Wed	3.9		0.50		2.1	0.00	7.75	215	160	20.65	7.60	94	64	21.73	7.45	23	19	11.54	5.1		2.5	0.95	5.8	0.50		
18	Thu	5.5		0.20		6.4	0.00	7.71	93	62	11.14	7.43	64	46	13.29	7.22	19	31	7.11	5.8		2.7	0.53	7.6	0.37		
19	Fri	5.6		0.50		1.9	0.00	7.61	104	98	7.81	7.43	83	59	10.21	7.31	16	28	6.96	5.8		2.4	0.45	7.8	0.38		
20	Sat	2.7	4.7				0.00	7.74	148	76	14.36	7.46	75	48	14.82	7.16	15	15	5.77	4.9		1.8	1.49	4.9	0.82		
21	Sun	2.8					0.00	7.71	128	90	10.23	7.49	82	60	13.49	7.32	17	23	6.19	4.8		1.8	1.40	5.3	0.89		
22	Mon	3.5		0.11			0.00	7.83	102	105	18.73	7.49	79	52	20.31	7.23	12	18	10.42	4.7		2.2	0.98	6.1	0.73		
23	Tue	3.9		0.08			0.00	7.63	130	108	17.68	7.51	71	72	18.32	7.23	13	29	9.41	4.7		2.3	0.82	5.6	0.45		
24	Wed	2.5					0.00	7.68	110	136	22.52	7.57	99	60	41.57	7.27	11	17	15.27	4.7		2.3	180	1.81	4.8	0.93	
25	Thu	2.6		0.36		0.1	0.00	7.71	77	100	27.73	7.54	104	56	49.65	7.34	16	19	18.76	4.7		2.3	1.66	5.0	0.93		
26	Fri	5.0		0.10		4.9	0.00	7.74	97	84	5.79	7.43	80	60	5.81	7.41	32	34	3.41	5.4		2.4	0.56	7.0	0.39		
27	Sat	2.3	3.2				0.00	7.70	175	92	9.52	7.56	119	58	10.66	7.52	13	17	4.45	4.7		1.8	1.84	4.8	1.07		
28	Sun	2.8					0.00	7.71	120	88	22.25	7.62	84	42	21.22	7.54	12	18	9.64	4.7		1.8	1.32	5.7	1.02		
29	Mon	2.6					0.00	7.79	165	151	37.34	7.56	89	64	35.16	7.44	11	22	14.08	4.7		2.1	1.63	5.1	0.97		
30	Tue	5.2		0.61		8.3	0.00	7.75	111	124	18.38	7.64	71	94	14.74	7.58	30	37	6.63	5.7		2.8	0.63	8.2	0.57		
31	Wed	5.4	3.6	0.25			0.00	7.92	64	52	44.73	7.61	50	44	18.68	7.28	33	26	10.31	6.3		2.1	0.55	8.4	0.55		
AVERAGE		3.5		0.14		1.3	0.00	7.73	138	124	20.06	7.54	93	64	20.76	7.37	17	21	9.84	5.0	5	2.2	8	1.24	6.0	0.77	
MAXIMUM		7.5	4.7	0.81		10.5	0.00	7.92	235	224	44.73	7.64	135	120	49.65	7.58	36	45	19.20	6.5	160	2.8	180	1.97	9.3	1.07	
MINIMUM		2.3		0.01		0.0	0.00	7.52	64	52	5.79	7.26	50	42	5.81	7.16	7	11	3.41	4.7	160	1.8	60	0.24	4.6	0.24	
# OF DATA		31		19		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1	31	2		31		
TOTAL		110		4.48		41	0	240	4293	3830	622	234	2877	1983	644	228	526	661	305	156	160	69	240		185		

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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	Mon	2.1	7.64	7.49	6		127		7		146		0.27		6		7.8		1.08	6	< 0.01
2	Tue	2.4	7.65	7.47	4		97		7		151		0.24		6		7.8		1.16	17	< 0.01
3	Wed	2.1	7.69	7.48	6		129		4		83		0.21		4		8.2		1.32	27	< 0.01
4	Thu	2.7	7.63	7.49	5		118		7		180		0.57		15		8.3		0.87	14	< 0.01
5	Fri	2.2	7.78	7.49	5		114		3		64		0.42		9		8.3		2.21	73	< 0.01
6	Sat	2.3	7.69	7.53	5	5	109	110	5	5	111	120	0.73	0.41	16	9	8.9		1.13	1	< 0.01
7	Sun	1.9	7.76	7.56	5		102		4		76		0.66		13		9.4		2.43	6	< 0.01
8	Mon	2.4	7.76	7.55	6		148		8		188		0.54		13		9.4		1.01	6	< 0.01
9	Tue	2.1	7.83	7.67	4		84		4		80		0.58		12		9.0		0.68	15	< 0.01
10	Wed	3.4	7.78	7.39	8		258		13		419		1.01		33		8.9		1.04	126	< 0.01
11	Thu	2.1	7.37	7.61	4		82		4		70		0.58		12		9.2		1.00	26	< 0.01
12	Fri	2.6	7.70	7.55	6		152		7		177		2.15		54		9.1		1.04	4	< 0.01
13	Sat	4.7	7.78	7.43	12	7	530	194	20	9	906	274	2.07	1.08	94	33	8.9		1.49	99	< 0.01
14	Sun	6.5	7.38	7.19	6		393		15		904		0.66		41		8.6		1.04	332	< 0.01
15	Mon	4.0	7.45	7.21	6		211		13		490		0.40		15		9.0		1.24	55	< 0.01
16	Tue	2.8	7.67	7.51	4		111		10		264		0.27		7		9.2		1.46	7	< 0.01
17	Wed	3.3	7.66	7.53	7		235		5		161		2.16		70		8.7		1.95	3	< 0.01
18	Thu	4.9	7.48	7.09	11		485		18		832		2.84		131		9.2		1.54	7	< 0.01
19	Fri	5.0	7.33	7.17	7		310		13		612		1.12		53		9.4		1.25	9	< 0.01
20	Sat	2.4	7.34	7.17	6	7	126	267	1	11	22	469	1.01	1.21	23	49	9.6		1.18	78	< 0.01
21	Sun	2.4	7.58	7.42	6		139		11		255		0.66		15		9.3		1.13	2	< 0.01
22	Mon	3.0	7.53	7.41	5		152		7		205		1.01		30		8.6		1.85	2	< 0.01
23	Tue	3.4	7.48	7.40	7		226		11		339		0.83		27		8.7		1.75	0	< 0.01
24	Wed	2.1	7.56	7.42	5		99		7		145		0.64		13		8.4		1.15	24	< 0.01
25	Thu	2.2	7.58	7.42	3		72		6		120		0.49		11		8.2		0.78	36	< 0.01
26	Fri	4.4	7.43	7.14	16		653		13		541		0.47		20		8.5		1.41	75	< 0.01
27	Sat	1.9	7.79	7.20	6	7	119	209	11	9	212	259	0.63	0.68	12	18	9.1		0.82	8	< 0.01
28	Sun	2.4	7.86	7.45	3		66		4		82		0.30		7		9.9		1.04	12	< 0.01
29	Mon	2.2	7.61	7.47	3		64		10		214		0.34		7		9.6		1.43	156	< 0.01
30	Tue	4.5	7.67	7.29	14		606		20		850		1.21		53		9.2		0.78	448	< 0.01
31	Wed	4.9	7.31	7.18	12	7	554	236	15	9	676	315	0.75	0.47	34	17	10.1		1.40	438	< 0.01
AVERAGE		3.1			7		215		9		309		0.83		27		8.9		1.28	19	< 0.01
MAXIMUM		6.5	7.86		16	7	653	267	20	11	906	469	2.84	1.21	131	49	10.1		2.43	448	< 0.01
MINIMUM		1.9		7.09	3		64		1		22		0.21		4		7.8		0.68	0	< 0.01
# OF DATA		31	31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		95	236	229	203		6674		280		9574		26		852		276.5		39.66	2112	< 0.01

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Expires 12-31-2014

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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	Mon	50	40			22	0	252	6	2	82		
2	Tue	60	60			22	0	250	6	2	81		
3	Wed	60	60			22	0	252	6	2	83		
4	Thu	70	40			22	0	253	6	2	82		
5	Fri	40	50			22	0	252	6	2	82		
6	Sat	60	60			22	0	249	6	2	83		
7	Sun	40	40			21	0	248	6	2	85		
8	Mon	60	40			21	0	246	6	2	83		
9	Tue	40	40			21	0	246	6	2	83		
10	Wed	80	60	27	41	21	0	246	6	2	83		
11	Thu	40	40			22	0	248	6	2	89		
12	Fri	50	50			22	0	247	6	2	91		
13	Sat	130	70			23	0	254	6	2	84		
14	Sun	180	90			28	0	264	6	2	84		
15	Mon	100	70		41	24	0	269	6	2	83		
16	Tue	120	40			23	0	270	6	2	87		
17	Wed	120	60			31	0	269	6	2	83		
18	Thu	180	90			30	0	271	6	2	89		
19	Fri	180	100	27	34	23	0	273	6	2	82		
20	Sat	90	50			23	0	274	6	2	83		
21	Sun	70	50			23	0	274	6	2	82		
22	Mon	100	70			22	0	272	6	2	83		
23	Tue	80	60			22	0	276	6	2	83		
24	Wed	50	60			23	0	281	6	2	82		
25	Thu	60	40		20	22	0	281	6	2	82		
26	Fri	140	100			25	0	283	6	2	88		
27	Sat	60	50			22	0	281	6	2	86		
28	Sun	60	60			21	0	278	6	2	91		
29	Mon	50	50			20	0	279	6	2	84		
30	Tue	130	80			22	0	303	6	2	87		
31	Wed	150	100			24	0	315	6	2	85		
AVERAGE		87	60	2	4	23		266	6	2	84		
MAXIMUM		180	100	27	41	31		315	6	2	91		
MINIMUM		40	40	27	20	20	0	246	6	2	81		
# OF DATA		31	31	2	4	31	31	31	31	31	31		
TOTAL		2700	1870	54	135	709		8256	186	70	2616		

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	Mon		2.57	79.3	7.56	1.45	62.2	6.88	96	1.72	61.4	7.13	96	43	3.81	58.9	7.03	15					52	
2	Tue								96				96	6				0			405			
3	Wed								96				96	16				20			404			
4	Thu								96				96	14				45			404			
5	Fri								96				96	14				46			404			
6	Sat								96				96	15				47			403			
7	Sun								96				96	15				47	0.16		402	0.0		
8	Mon		2.55	85.6	6.24	1.33	56.3	7.05	96	1.77	63.2	7.17	96	35	2.72	59.2	7.06	13			402		44	
9	Tue								96				96	5				0			401			
10	Wed								96				96	5				0			401			
11	Thu								96				96	14				39			401	19.1		
12	Fri								96				96	21				53			127	46.6		
13	Sat								96				96	14				46	0.16		129	4.4		
14	Sun								96				96	17				41			131			
15	Mon		3.40	78.5	6.05	1.75	66.5	6.85	96	1.91	64.4	7.07	96	36	3.99	64.2	7.10	33			286	5.2	32	
16	Tue								96				96	3				0			8			
17	Wed								96				96	15				30						
18	Thu								96				96	24				67						
19	Fri								96				96	13				47						
20	Sat								96				96	15				49						
21	Sun								96				96	14				47						
22	Mon		2.61	81.2	6.12	1.70	65.7	6.88	96	1.96	64.3	7.02	96	15	3.84	58.0	7.09	45						
23	Tue								96				96	14				41						
24	Wed								96				96	20				50				0.0		
25	Thu								96				96	14				37						
26	Fri								96				96	18				47						
27	Sat								96				96	15				41						
28	Sun								96				96	15				42						
29	Mon		2.66	78.0	6.21	1.59	62.9	6.92	96	1.69	63.5	7.18	96	30	5.06	59.8	7.06	13					34	
30	Tue								96				96	5				0						
31	Wed								96				96	14				36						
AVERAGE			2.76	80.5	6.44	1.56	62.7	6.92	96	1.81	63.4	7.11	96	17	3.88	60.0	7.07	33	0.16		165	2.4	5	
MAXIMUM			3.40	85.6	7.56	1.75	66.5	7.05	96	1.96	64.4	7.18	96	43	5.06	64.2	7.10	67	0.16		405	46.6	52	
MINIMUM			2.55	78.0	6.05	1.33	56.3	6.85	96	1.69	61.4	7.02	96	3	2.72	58.0	7.03	0	0.16					
# OF DATA			5	5	5	5	5	5	31	5	5	5	31	31	5	5	5	31	2	31	31	31	31	
TOTAL			14	403	32	8	314	35	2972	9	317	36	2976	516	19	300	35	1038	0		5113	75	162	

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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 2, 2012	0.007	0.064	<0.005	0.008	0.068		<0.005	0.019	<0.005	<0.005	0.022	<0.005		
2nd Date :	October 4, 2012							<0.005	0.019	<0.005	0.006	0.023	<0.005		
3rd Date :	October 17, 201	0.006	0.067	<0.005	0.008	0.077	<0.005	<0.005	0.023	<0.005	0.006	0.027	<0.005		
4th Date :	October 31, 201	0.006	0.037	<0.005	0.011	0.044		<0.005	0.024	<0.005	<0.005	0.030			
5th Date :															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.006	0.056	<0.003	0.009	0.063	<0.003	<0.003	0.021	<0.003	0.004	0.026	<0.003		
Maximum		0.007	0.067	<0.005	0.011	0.077	<0.005	<0.005	0.024	<0.005	0.006	0.030	<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	4.7	3.5	7	7	267	215	11	9	469	309	1.21	0.83	49	27	7.8	7.86	< 0.01	448	19
% of Limit	67%	51%	23%	33%	11%	13%	30%	38%	16%	15%	50%	52%	24%	21%	130%				
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: Oct-12
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

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 Permit # IN0025577
 Expires 12-31-2014
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Total lbs Volatile Solids to Digester 4,238

Overall Percent Removal of Volatile Solids 63.7%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 24,051

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 477

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 51

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 777

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 31

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 :	33%	48%	-3%
Secondary Treatment :	82%	67%	53%
Adv. Sec. Treatment :	61%	58%	92%
Overall Treatment :	95%	93%	96%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	5.4	1.6	3.4
Secondary Settling Tank	3.9	1.2	2.5
Final Settling Tank	12.4	3.8	7.9
Chlorine Contact Tank	0.85	0.26	0.55
Total Plant Retention Time	21.7	6.6	13.9

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	935	284	443
Secondary Settling Tank	1234	375	584
Final Settling Tank	629	191	298

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	18	6	9
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:

10/9/2012 - Successful test of emergency power system
 10/23/2012 - 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)	10/01/2012 10/31/2012	Check box if no CSO discharge occurred for the month: <input 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	Mon		2.50	3.00	0:00		0.0	M															
2	Tue	0.01	2.78	4.65	0:00		0.0	M															
3	Wed	0.06	2.49	3.15	0:00		0.0	M															
4	Thu	0.02	3.08	5.18	0:00		0.0	M															
5	Fri	0.02	2.54	3.52	0:00		0.0	M															
6	Sat		2.67	4.82	0:00		0.0	M															
7	Sun	0.04	2.27	3.14	0:00		0.0	M															
8	Mon		2.82	4.90	0:00		0.0	M															
9	Tue	0.20	2.40	4.87	0:00		0.0	M															
10	Wed	0.13	3.87	7.36	0:00		0.0	M															
11	Thu		2.40	2.90	0:00		0.0	M															
12	Fri		3.03	4.75	0:00		0.0	M															
13	Sat	0.43	5.43	9.89	0:00		0.0	M															
14	Sun	0.81	7.48	10.16	0:00		0.0	M															
15	Mon	0.05	4.52	8.86	0:00		0.0	M															
16	Tue		3.17	4.72	0:00		0.0	M															
17	Wed	0.50	3.87	9.85	0:00		0.0	M															
18	Thu	0.20	5.54	10.17	0:00		0.0	M															
19	Fri	0.50	5.64	9.89	0:00		0.0	M															
20	Sat		2.69	4.67	0:00		0.0	M															
21	Sun		2.78	5.15	0:00		0.0	M															
22	Mon	0.11	3.51	6.67	0:00		0.0	M															
23	Tue	0.08	3.87	5.15	0:00		0.0	M															
24	Wed		2.48	3.21	0:00		0.0	M															
25	Thu	0.36	2.61	5.01	0:00		0.0	M															
26	Fri	0.10	4.99	10.05	0:00		0.0	M															
27	Sat		2.31	3.08	0:00		0.0	M															
28	Sun		2.82	5.26	0:00		0.0	M															
29	Mon		2.57	3.18	0:00		0.0	M															
30	Tue	0.61	5.23	10.06	0:00		0.0	M															
31	Wed	0.25	5.40	9.98	0:00		0.0	M															
Totals:		4.48	n/a	n/a	n/a		1.0		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 05/24/2013
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