

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

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

Page 1 of 6
 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	Wed	9.9		0.59		23.5	0.00	7.02	32	45	6.41	6.87	29	52	7.48	6.87	9	31	3.04	6.9		3.8	120	0.09	11.8	0.20	
2	Thu	9.9		0.06		22.2	0.00	7.05	33	40	5.62	6.95	28	48	9.62	6.80	9	30	5.70	7.0		3.8		0.10	11.8	0.20	
3	Fri	9.1				15.2	0.00	7.07	37	50	9.82	6.94	44	50	10.15	6.81	8	25	4.96	7.0		3.8		0.18	11.2	0.23	
4	Sat	7.4	9.4			3.8	0.00	7.14	38	44	6.38	7.08	34	48	7.83	6.97	5	24	3.13	6.8		3.6		0.41	8.7	0.18	
5	Sun	5.2				0.5	0.00	7.34	52	62	8.97	7.25	37	44	10.11	7.05	7	24	4.68	4.7		1.8		0.27	6.1	0.19	
6	Mon	7.3				3.1	0.00	7.32	55	61	8.70	7.29	61	62	16.70	7.11	10	29	6.38	5.5		3.5		0.23	8.4	0.15	
7	Tue	6.3				8.3	0.00	7.34	60	52	22.75	7.23	42	38	10.99	7.11	10	23	7.15	5.3	80	2.8	270	0.27	7.5	0.18	90
8	Wed	6.0		0.05		0.6	0.00	7.36	55	106	9.00	7.22	51	82	10.73	7.14	7	36	4.82	4.8		2.9		0.28	7.0	0.16	
9	Thu	9.7				21.9	0.00	7.19	38	40	5.75	7.15	34	46	7.88	7.07	12	29	3.39	7.3		3.7		0.13	11.6	0.20	
10	Fri	9.8		0.02		23.4	0.00	7.32	40	46	3.45	7.02	39	42	6.12	6.86	10	24	2.96	7.4		3.7		0.13	11.8	0.20	
11	Sat	9.9	7.7	1.56		23.4	0.00	7.71	25	44	3.91	7.38	25	50	4.76	7.03	8	39	2.24	7.3		3.7		0.12	11.8	0.20	
12	Sun	8.5				10.7	0.00	7.64	30	52	5.22	7.42	26	58	6.60	7.02	7	36	2.50	7.3		3.7		0.29	10.4	0.22	
13	Mon	6.7		0.07		3.4	0.00	7.75	63	76	17.80	7.50	49	76	11.07	7.13	11	31	7.53	6.3		3.1		0.41	8.1	0.21	
14	Tue	6.1				2.9	0.00	7.75	50	50	13.02	7.41	48	62	14.37	7.09	10	22	5.87	5.4		2.8		0.33	7.3	0.19	
15	Wed	8.0				15.8	0.00	7.26	33	61	5.35	7.17	33	42	7.99	7.03	11	31	4.22	6.4		3.3		0.20	9.5	0.18	
16	Thu	9.8		1.00		22.1	0.00	7.90	29	60	4.26	7.43	30	66	7.76	6.96	8	34	3.33	7.2		3.7		0.11	11.8	0.20	
17	Fri	8.5		0.02		10.6	0.00	7.85	44	32	5.39	7.51	38	58	5.96	7.18	9	27	2.88	7.2		3.8		0.30	10.4	0.23	
18	Sat	6.6	7.7	0.05		4.5	0.00	7.29	57	54	6.74	7.09	53	100	7.36	7.02	9	48	3.08	5.6		2.8		0.26	7.9	0.20	
19	Sun	5.7		0.94		3.1	0.00	7.34	43	62	9.16	7.27	54	66	10.53	7.06	7	33	4.85	5.0		2.3		0.27	6.7	0.18	
20	Mon	8.5		0.09		15.6	0.00	7.24	53	68	5.22	7.12	46	74	8.92	7.03	11	33	8.84	6.5		3.2		0.14	10.2	0.19	
21	Tue	7.5				12.2	0.00	7.43	38	86	7.17	7.36	35	70	11.81	7.08	6	42	5.33	6.3		3.2		0.27	9.5	0.27	
22	Wed	9.9				23.1	0.00	7.10	33	40	5.61	7.00	31	46	5.77	6.91	7	34	1.98	7.4		3.8		0.13	11.8	0.19	
23	Thu	9.8				23.0	0.00	7.29	38	48	10.79	7.17	41	64	12.48	7.15	10	41	8.12	7.3		3.8		0.12	11.7	0.19	
24	Fri	9.7				20.9	0.00	7.35	47	38	7.06	7.18	47	50	9.32	7.12	9	36	7.57	7.3		3.7		0.13	11.6	0.20	
25	Sat	6.7	8.3			3.9	0.00	7.33	78	84	8.34	7.20	38	44	8.82	7.11	6	25	3.83	6.4		3.2		0.44	8.0	0.19	
26	Sun	6.7				3.7	0.00	7.76	43	50	7.33	7.40	35	46	8.06	6.98	7	30	3.94	5.4		2.7		0.22	7.9	0.18	
27	Mon	4.9				4.4	0.00	7.56	92	80	13.31	7.53	84	36	24.93	7.29	28	13	10.95	4.6	135	2.2		0.40	5.7	0.16	
28	Tue	6.7				2.6	0.00	7.67	60	58	13.41	7.38	45	42	12.82	7.09	9	23	7.84	5.8		3.4		0.37	8.0	0.19	
29	Wed	5.4		0.09			0.00	7.39	62	106	10.43	7.26	42	42	11.55	6.97	7	24	5.14	4.9		2.6		0.40	6.3	0.17	
30	Thu	6.1	7.0			4.1	0.00	7.37	97	150	11.12	7.21	63	54	13.63	6.99	11	32	5.61	5.2		3.0		0.35	7.1	0.17	
AVERAGE		7.7		0.15		11.1	0.00	7.40	48	62	8.58	7.23	42	55	10.07	7.03	9	30	5.06	6.2	7	3.2	13	0.25	9.3	0.19	3
MAXIMUM		9.9	9.4	1.56		23.5	0.00	7.90	97	150	22.75	7.53	84	100	24.93	7.29	28	48	10.95	7.4	135	3.8	270	0.44	11.8	0.27	90
MINIMUM		4.9		0.02		0.0	0.00	7.02	25	32	3.45	6.87	25	36	4.76	6.80	5	13	1.98	4.6	80	1.8	120	0.09	5.7	0.15	90
# OF DATA		30		12		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	2	30	2		30		1
TOTAL		232		4.54		332	0	222	1454	1845	257	217	1261	1658	302	211	279	909	152	187	215	97	390		278		90

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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	Wed	8.9	6.90	6.81	3		238		24		1972		0.20		16		7.9		1.55	11	< 0.01
2	Thu	8.8	6.92	6.79	4		296		18		1438		0.38		31		8.1		1.49	55	< 0.01
3	Fri	8.3	6.97	6.76	3		221		12		915		0.35		27		7.8		1.52	20	< 0.01
4	Sat	6.7	7.20	6.92	2	3	123	228	11	16	678	1256	0.13	0.24	8	19	8.1		1.42	10	< 0.01
5	Sun	4.8	7.62	7.09	< 2		43		8		322		0.19		8		8.1		1.29	6	< 0.01
6	Mon	6.6	7.24	7.12	3		201		12		729		0.46		28		7.9		1.59	25	< 0.01
7	Tue	5.8	7.32	7.16	4		206		13		660		0.63		33		7.6		1.84	23	< 0.01
8	Wed	5.5	7.29	7.17	3		136		19		956		0.26		13		7.9		1.48	50	< 0.01
9	Thu	8.8	7.15	6.77	5		372		18		1415		0.21		17		8.0		1.64	221	< 0.01
10	Fri	9.0	6.96	6.70	6		500		13		1066		0.25		20		8.2		1.52	154	< 0.01
11	Sat	9.0	7.12	6.92	4	4	321	254	23	15	1892	1006	0.23	0.32	19	20	8.4		1.55	46	< 0.01
12	Sun	7.8	7.14	7.04	5		355		27		1918		0.21		15		8.6		1.45	64	< 0.01
13	Mon	6.1	7.45	7.14	5		256		13		725		0.49		27		8.4		1.62	8	< 0.01
14	Tue	5.7	7.29	7.19	3		169		14		690		0.30		15		8.5		1.39	97	< 0.01
15	Wed	7.4	7.27	6.97	4		260		18		1200		0.27		18		8.4		1.58	146	< 0.01
16	Thu	8.8	7.03	6.91	4		352		26		2127		0.27		22		8.0		1.45	154	< 0.01
17	Fri	7.7	7.32	7.08	4		310		17		1199		0.35		25		7.8		1.47	28	< 0.01
18	Sat	6.1	7.19	7.08	3	4	155	265	18	19	996	1265	0.33	0.32	18	20	8.2		1.51	12	< 0.01
19	Sun	5.2	7.39	7.15	3		133		14		666		0.12		6		8.3		1.43	6	< 0.01
20	Mon	7.7	7.33	7.16	4		298		17		1206		0.80		57		8.0		1.56	24	< 0.01
21	Tue	6.9	7.34	7.10	3		168		22		1341		0.26		16		7.5		1.71	21	< 0.01
22	Wed	8.9	7.21	6.93	3		239		10		823		0.10		8		8.0		1.51	11	< 0.01
23	Thu	8.9	7.15	6.98	4		287		19		1519		0.80		66		8.1		1.54	78	< 0.01
24	Fri	8.8	7.33	7.07	3		275		15		1215		0.67		54		8.2		1.58	112	< 0.01
25	Sat	6.1	7.29	7.18	3	3	151	222	12	15	671	1063	0.10	0.41	6	30	8.4		1.51	46	< 0.01
26	Sun	6.1	7.39	6.84	3		145		13		724		0.10		6		8.3		1.48	44	< 0.01
27	Mon	4.5	7.60	7.25	4		159		3		122		0.14		6		8.2		1.12	20	< 0.01
28	Tue	6.3	7.40	7.26	3		163		8		450		0.21		12		8.1		1.38	17	< 0.01
29	Wed	5.0	7.31	7.23	3		112		6		269		0.13		6		8.2		1.51	27	< 0.01
30	Thu	5.5	7.29	6.98	3	3	151	194	20	13	1009	871	0.10	0.13	5	8	8.4		1.47	6	< 0.01
AVERAGE		7.1			3		227		15		1030		0.30		20		8.1		1.51	31	< 0.01
MAXIMUM		9.0	7.62		6	4	500	265	27	19	2127	1265	0.80	0.41	66	30	8.6		1.84	221	< 0.01
MINIMUM		4.5		6.70	<2		43		3		122		0.10		5		7.5		1.12	6	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		212	217	211	102		6796		460		30912		9		608		243.6		45.16	1542	< 0.01

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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

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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	Wed	220	180			29	0	285	6	1	46		
2	Thu	210	180			32	0	287	6	1	45		
3	Fri	200	170			28	0	279	6	1	53		
4	Sat	200	130			29	0	290	6	1	53		
5	Sun	100	120			30	0	294	6	1	58		
6	Mon	170	120	20	41	30	0	292	6	1	55		
7	Tue	120	120			30	14	286	6	1	56		
8	Wed	100	100			31	0	278	6	1	42		
9	Thu	280	210			42	0	274	6	1	41		
10	Fri	220	190	34	47	31	11	271	6	1	52		
11	Sat	230	190	27	41	31	0	295	6	1	66		
12	Sun	170	160			32	0	294	6	1	73		
13	Mon	140	110			28	0	293	6	1	56		
14	Tue	130	120			35	0	292	6	1	56		
15	Wed	170	160			32	0	290	6	1	58		
16	Thu	210	180			28	4	258	6	6	179		
17	Fri	170	164			25	11	286	6	2	93		
18	Sat	160	110			37	0	289	6	2	90		
19	Sun	143	90			36	0	289	6	2	92		
20	Mon	192	170	27		46	7	288	6	2	91		
21	Tue	167	120		41	50	0	275	4	3	100		
22	Wed	260	220	27		53	4	306	4	2	93		
23	Thu	200	160			41	0	302	6	2	119		
24	Fri	220	200			42	0	313	6	2	103		
25	Sat	170	110			30	0	300	6	2	87		
26	Sun	180	120			34	0	299	6	2	89		
27	Mon	130	70			30	0	293	6	2	62		
28	Tue	180	140	20	20	36	0	290	6	2	89		
29	Wed	160	80			33	0	284	6	2	104		
30	Thu	160	110			38	0	282	6	2	101		
AVERAGE		179	143	5	6	34	2	288	6	2	77		
MAXIMUM		280	220	34	47	53	14	313	6	6	179		
MINIMUM		100	70	20	20	25	0	258	4	1	41		
# OF DATA		30	30	6	5	30	30	30	30	30	30		
TOTAL		5362	4304	155	189	1031	51	8655	176	53	2302		

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	Wed								96				96	10				19			18		
2	Thu								96				96	24				59			17		
3	Fri								96				96	17				58			16		
4	Sat								96				96	14				48	0.06		15		
5	Sun								96				96	19				62			15		
6	Mon		3.46	75.1	6.97	1.54	57.1	6.80	96	2.01	59.2	7.08	97	34	4.46	56.2	6.95	23			53		40
7	Tue								96				97	16				27			52		
8	Wed								96				97	18				60			51		
9	Thu								96				96	26				82			54		
10	Fri								96				96	45				105			55		
11	Sat								96				96	21				61			55		
12	Sun								96				96	20				64			54		
13	Mon		2.96	70.8	5.99	1.64	57.9	6.85	96	1.82	64.3	7.04	96	24	2.53	55.6	7.09	24			76		23
14	Tue								96				96	15				36			75		
15	Wed								96				96	20				67			77		
16	Thu								96				96	36				93			78		
17	Fri								96				96	29				69			77		
18	Sat								96				96	18				60			76		
19	Sun								96				96	16				42			76		
20	Mon		3.50	67.4	6.11	2.01	56.1	7.03	96	2.15	55.6	6.82	96	29	5.13	56.6	6.92	3			108		31
21	Tue								96				96	37				44			132		23
22	Wed								96				96	31				2			119		28
23	Thu								96				96	37				91	0.23		72		
24	Fri								96				96	33				16			100		28
25	Sat								96				96	14				33			99		
26	Sun								96				96	19				42			99		
27	Mon		3.67	70.5	6.22	2.52	63.7	6.72	96	1.99	58.7	6.87	96	27	4.15	58.2	6.97	21			129		30
28	Tue								96				96	9				3			128		
29	Wed								96				96	19				43			127		
30	Thu								96				96	24				73			127		
AVERAGE			3.40	71.0	6.32	1.93	58.7	6.85	96	1.99	59.4	6.95	96	23	4.07	56.7	6.98	48	0.15		74		7
MAXIMUM			3.67	75.1	6.97	2.52	63.7	7.03	96	2.15	64.3	7.08	97	45	5.13	58.2	7.09	105	0.23		132		40
MINIMUM			2.96	67.4	5.99	1.54	56.1	6.72	96	1.82	55.6	6.82	96	9	2.53	55.6	6.92	2	0.06		15		
# OF DATA			4	4	4	4	4	4	30	4	4	4	30	30	4	4	4	30	2	30	30		30
TOTAL			14	284	25	8	235	27	2883	8	238	28	2888	701	16	227	28	1429	0		2227		203

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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:	June 1st, 2011	<0.005	0.025	<0.005	<0.005	0.027		<0.005	0.300	<0.005	0.005	0.120			
2nd Date:	June 8th, 2011	<0.005	0.039	<0.005	<0.005	0.043		<0.005	0.019	<0.005	<0.005	0.017			
3rd Date:	June 15th, 2011	<0.005	0.030	<0.005	<0.005	0.041	<0.005	<0.005	0.019	<0.005	<0.005	0.026	<0.005		
4th Date:	June 28th, 2011	<0.005	0.057	<0.005	0.008	0.056		<0.005	0.015	<0.005	<0.005	0.018			
5th Date:															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		<0.003	0.038	<0.003	0.004	0.042	<0.003	<0.003	0.088	<0.003	0.003	0.045	<0.003		
Maximum		<0.005	0.057	<0.005	0.008	0.056	<0.005	<0.005	0.300	<0.005	0.005	0.120	<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	9.4	7.7	4	3	265	227	19	15	1265	1030	0.41	0.30	30	20	7.5	7.62	< 0.01	221	31
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: Jun-11
 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 6,909

Overall Percent Removal of Volatile Solids 46.5%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 18,402

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 591

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 74

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,202

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

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

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

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	13%	10%	-17%
Secondary Treatment :	78%	45%	50%
Adv. Sec. Treatment :	63%	49%	94%
Overall Treatment :	93%	75%	96%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	2.5	1.2	1.6
Secondary Settling Tank	1.8	0.9	1.2
Final Settling Tank	5.8	2.8	3.6
Chlorine Contact Tank	0.40	0.20	0.25
Total Plant Retention Time	10.1	5.0	6.4

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1234	609	967
Secondary Settling Tank	1629	804	1277
Final Settling Tank	830	410	651

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	12	19
Secondary Settling Tank	19	10	15
Final Settling Tank	19	9	15

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:

June 1 - Measured effluent copper concentration was unusually high at 0.300 mg/l. See attached a letter discussing the subsequent investigation.

June 6, 20 - Successful test of emergency power system

June 21 - Raw flow diverted to CSO storage lagoon from 7:30a to 8:30a to repair secondary effluent gate

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)		06/01/2011 06/30/2011	Check box if no CSO discharge occurred for the month: X

Design Peak Inf. Flow(MGD)	9.7	Measured/Metered (M) or Estimated (E) must be specified.(Please attach methods used.)
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					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	Wed	0.59	9.85	10.19																			
2	Thu	0.06	9.85	10.19																			
3	Fri		9.14	10.20																			
4	Sat		7.39	10.14																			
5	Sun		5.15	10.14																			
6	Mon		7.29	10.17																			
7	Tue		6.33	10.11																			
8	Wed	0.05	6.03	8.72																			
9	Thu		9.70	10.21																			
10	Fri	0.02	9.83	10.21																			
11	Sat	1.56	9.86	10.22																			
12	Sun		8.52	10.19																			
13	Mon	0.07	6.68	10.07																			
14	Tue		6.13	10.19																			
15	Wed		7.99	10.12																			
16	Thu	1.00	9.81	10.18																			
17	Fri	0.02	8.46	10.18																			
18	Sat	0.05	6.63	10.18																			
19	Sun	0.94	5.71	10.20																			
20	Mon	0.09	8.50	10.21																			
21	Tue		7.48	10.14																			
22	Wed		9.87	10.16																			
23	Thu		9.84	10.20																			
24	Fri		9.71	10.20																			
25	Sat		6.70	10.17																			
26	Sun		6.68	10.21																			
27	Mon		4.87	10.09																			
28	Tue		6.75	10.21																			
29	Wed	0.09	5.38	7.22																			
30	Thu		6.05	10.11																			
31																							
Totals:		4.54	n/a	n/a	n/a		0.0		0.00														

Typed or Printed Name and Title of Principal Executive Officer of Authorized Agent		Telephone
Jerry P Jackson, Superintendent		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	Date
	09/19/2011