

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Apr-14
 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	Tue	8.4		0.02		1.5	0.00	7.49	66	82	7.70	7.35	57	52	8.43	7.31	29	24	7.73	7.1			3.0		0.19	11.4	0.36		
2	Wed	4.8					0.00	7.45	119	85	11.15	7.46	75	44	10.70	7.43	22	24	9.53	5.0			2.4		0.55	7.0	0.47		
3	Thu	8.5		1.22		19.0	0.00	7.60	82	154	6.19	7.58	86	136	8.66	7.62	27	40	7.57	6.6			3.4		0.16	11.3	0.32		
4	Fri	9.7		0.05		17.3	0.00	7.55	62	40	7.22	7.51	55	72	9.05	7.50	16	21	7.34	7.1			3.6		0.10	12.3	0.26		
5	Sat	7.9	7.1			2.2	0.00	7.37	52	54	7.62	7.24	53	50	7.57	7.11	17	29	6.60	6.2			3.0		0.17	10.3	0.30		
6	Sun	5.6					0.00	7.67	48	96	9.60	7.61	50	58	11.40	7.55	14	25	8.87	4.9			2.0		0.22	8.0	0.43		
7	Mon	5.5		0.07		2.3	0.00	7.24	75	96	9.99	7.23	61	56	10.65	7.15	17	29	9.30	5.2			2.1		0.33	8.4	0.53		
8	Tue	4.7					0.00	7.52	83	68	17.80	7.29	83	56	20.00	7.17	19	27	15.50	4.6			2.3		0.45	7.3	0.53	90	
9	Wed	5.7					0.00	7.80	79	71	13.10	7.70	63	56	14.60	7.37	18	22	13.00	5.3			2.5		0.38	7.5	0.32		
10	Thu	5.5					0.00	7.84	80	82	15.40	7.76	55	48	17.25	7.71	12	21	13.10	4.8			2.3		0.30	8.4	0.53		
11	Fri	4.3					0.00	7.95	225	108	53.70	7.51	90	53	19.80	7.37	13	23	16.00	4.5		135	1.9		0.51	6.2	0.46		
12	Sat	5.1	5.2				0.00	7.90	114	80	15.55	7.65	79	60	18.20	7.50	13	21	15.00	4.6			1.8		0.24	7.9	0.54		
13	Sun	5.2		0.04			0.00	7.77	98	78	16.50	7.56	66	52	17.40	7.54	15	22	13.80	4.7			1.8		0.28	7.2	0.40		
14	Mon	4.7		0.07			0.00	7.68	220	77	20.40	7.61	94	58	22.90	7.63	22	19	17.40	4.5			2.1		0.41	6.7	0.44		
15	Tue	4.2					0.00	7.77	103	100	24.70	7.65	98	64	23.80	7.63	21	28	18.60	4.6			2.2		0.61	6.1	0.44		
16	Wed	4.7					0.00	7.92	122	99	26.80	7.64	111	44	31.10	7.50	20	21	23.50	4.6			2.2		0.46	7.2	0.55		
17	Thu	5.2				0.7	0.00	8.00	112	96	26.80	7.76	96	68	26.80	7.53	27	30	23.70	4.7			2.3		0.34	7.6	0.47		
18	Fri	4.1					0.00	7.68	130	144	28.90	7.57	110	56	31.50	7.51	20	26	24.35	4.5			1.9		0.59	6.0	0.48		
19	Sat	4.3	4.6				0.00	7.70	98	168	20.25	7.51	78	58	21.30	7.47	15	22	17.30	4.5			1.8		0.49	6.6	0.54		
20	Sun	5.1					0.00	7.80	88	82	10.40	7.57	70	56	11.45	7.38	14	25	7.84	4.7			1.9		0.31	7.4	0.46		
21	Mon	4.6		0.15			0.00	7.62	112	184	10.20	7.48	74	76	11.30	7.45	15	23	7.12	4.7			2.1		0.47	6.5	0.41		
22	Tue	4.1				0.1	0.00	8.78	108	194	19.70	7.58	75	72	13.60	7.59	15	30	8.35	4.6			2.2		0.63	5.8	0.40		
23	Wed	4.8					0.00	7.79	112	117	15.20	7.59	74	60	13.30	7.53	13	27	10.60	4.6			2.2		0.42	7.4	0.54		
24	Thu	4.2					0.00	7.65	103	126	13.60	7.54	90	60	13.65	7.48	29	24	9.98	4.6			2.2		0.62	5.9	0.39		
25	Fri	4.4		0.11			0.00	7.66	125	98	23.60	7.57	104	64	21.00	7.44	17	21	13.60	4.6			2.0		0.51	6.3	0.46		
26	Sat	5.1	4.6				0.00	7.70	123	84	18.80	7.59	123	62	21.70	7.47	27	24	14.60	4.7			1.9		0.29	7.4	0.47		
27	Sun	4.0		0.01			0.00	7.69	170	92	13.10	7.54	110	58	14.70	7.51	20	25	9.77	4.5			1.7		0.57	6.1	0.54		
28	Mon	4.3		0.19		0.4	0.00	7.72	180	259	14.60	7.59	127	104	15.70	7.58	22	28	11.00	5.0			2.1		0.66	5.9	0.38		
29	Tue	4.5		0.06			0.00	7.74	135	78	17.60	7.57	135	48	21.60	7.47	23	22	11.80	4.8			2.3		0.56	6.6	0.46		
30	Wed	4.9	4.4	0.02			0.00	7.70	107	175	5.04	7.58	76	52	8.73	7.45	19	24	6.59	4.5			2.2		0.38	7.5	0.55		
AVERAGE		5.3		0.07		1.5	0.00	7.72	111	109	16.71	7.55	84	62	16.59	7.46	19	25	12.65	5.0			2.2	5	0.41	7.5	0.45	3	
MAXIMUM		9.7	7.1	1.22		19.0	0.00	8.78	225	259	53.70	7.76	135	136	31.50	7.71	29	40	24.35	7.1			3.6	135	0.66	12.3	0.55	90	
MINIMUM		4.0		0.00		0.0	0.00	7.24	48	40	5.04	7.23	50	44	7.57	7.11	12	19	6.59	4.5			1.7	135	0.10	5.8	0.26	90	
# OF DATA		30		30		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			30	1		30		1
TOTAL		158		2.01		44	0	232	3328	3267	501	226	2517	1853	498	224	566	746	379	149			67	135		226		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	Tue	7.3	7.01	6.81	8		547		8		561		0.91		64		10.8		1.19	52	< 0.01
2	Wed	4.2	7.05	6.83	13		530		8		319		0.54		22		10.6		1.17	8	< 0.01
3	Thu	7.3	7.83	6.56	16		1118		14		997		0.92		66		11.2		1.22	243	< 0.01
4	Fri	8.4	7.51	6.53	13		1053		4		324		1.06		86		11.5		1.59	7	< 0.01
5	Sat	7.0	6.95	6.64	13	11	859	686	6	8	397	492	0.72	0.94	48	57	12.2		1.58	2	< 0.01
6	Sun	5.0	7.10	6.81	8		362		25		1152		0.80		38		11.2		1.89	3	< 0.01
7	Mon	4.8	7.08	6.82	7		308		13		597		0.83		38		11.7		1.22	2	< 0.01
8	Tue	4.2	7.13	6.87	8		297		11		416		1.00		40		12.2		1.15	1	< 0.01
9	Wed	4.9	7.08	6.84	9		419		10		471		1.29		61		11.7		1.06	9	< 0.01
10	Thu	4.8	7.79	6.83	7		334		6		252		1.14		52		10.6		1.20	7	< 0.01
11	Fri	3.7	7.48	6.91	6		221		5		178		0.89		32		9.9		1.33	11	< 0.01
12	Sat	4.4	7.55	7.36	5	7	216	308	9	11	382	493	0.73	0.95	31	42	10.0		1.22	3	< 0.01
13	Sun	4.4	7.56	7.33	6		262		8		322		0.48		21		9.7		1.51	2	< 0.01
14	Mon	4.0	7.53	7.43	7		270		4		156		0.64		25		9.8		1.22	5	< 0.01
15	Tue	3.7	7.48	7.41	8		271		6		193		0.77		27		11.3		1.24	3	< 0.01
16	Wed	4.1	7.50	7.38	8		295		4		155		1.31		51		11.1		1.24	0	< 0.01
17	Thu	4.5	7.50	7.29	6		264		10		434		2.00		87		10.6		1.21	32	< 0.01
18	Fri	3.5	7.56	7.37	6		206		4		135		1.48		50		10.6		1.18	2	< 0.01
19	Sat	3.6	7.64	7.28	6	7	204	253	7	6	250	235	0.72	1.06	26	41	10.4		1.18	1	< 0.01
20	Sun	4.4	7.49	7.27	5		220		7		275		0.42		18		10.2		1.30	5	< 0.01
21	Mon	3.9	7.54	7.39	5		207		8		307		0.42		16		10.0		1.11	1	< 0.01
22	Tue	3.5	7.68	7.41	5		176		8		259		0.35		12		10.4		1.23	2	< 0.01
23	Wed	4.1	7.61	7.30	7		279		23		917		0.38		15		10.7		1.28	4	< 0.01
24	Thu	3.6	7.55	7.44	7		250		7		247		0.33		12		10.4		1.30	3	< 0.01
25	Fri	3.7	7.53	7.39	6		207		6		218		0.49		18		10.7		1.22	5	< 0.01
26	Sat	4.3	7.48	7.40	6	6	266	229	7	9	296	360	0.56	0.42	24	16	10.4		1.29	1	< 0.01
27	Sun	3.4	7.62	7.32	10		317		10		317		0.37		12		10.2		1.22	5	< 0.01
28	Mon	3.6	7.44	7.21	6		214		6		214		0.53		19		10.0		1.28	90	< 0.01
29	Tue	3.8	7.46	7.36	9		328		6		207		0.89		34		9.7		1.15	2	< 0.01
30	Wed	4.1	7.61	7.33	7	8	291	290	5	6	202	213	0.52	0.51	21	19	9.8		1.22	18	< 0.01
AVERAGE		4.5			8		360		8		372		0.78		35		10.7		1.27	5	< 0.01
MAXIMUM		8.4	7.83		16	11	1118	686	25	11	1152	493	2.00	1.06	87	57	12.2		1.89	243	< 0.01
MINIMUM		3.4		6.53	5		176		4		135		0.33		12		9.7		1.06	0	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		136	223	214	232		10794		251		11151		23		1061		319.6		38.20	529	< 0.01

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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	Tue	180	100			22	0	261	6	2	71		
2	Wed	100	70	20	20	21	0	259	6	2	69		
3	Thu	140	110			32	0	245	6	2	69		
4	Fri	360	160	27	27	32	0	269	6	2	71		
5	Sat	240	140			23	0	265	6	2	68		
6	Sun	180	100			20	0	259	6	2	71		
7	Mon	140	100			33	0	246	6	2	71		
8	Tue	152	80		20	24	0	246	6	2	71		
9	Wed	168	100			21	0	243	6	2	70		
10	Thu	175	80			29	0	242	6	2	69		
11	Fri	125	80			24	0	248	6	2	69		
12	Sat	160	80			27	0	249	6	2	70		
13	Sun	140	80			29	0	244	6	2	70		
14	Mon	140	80			27	0	241	6	2	72		
15	Tue	140	80			26	0	242	6	2	72		
16	Wed	160	60	27	27	26	0	246	6	2	72		
17	Thu	180	95			30	0	248	6	2	73		
18	Fri	120	120			34	0	243	6	2	77		
19	Sat	80	100			27	0	242	6	2	74		
20	Sun	100	60			31	0	244	6	2	74		
21	Mon	100	100			48	0	240	6	2	72		
22	Tue	120	80			43	0	241	6	2	72		
23	Wed	100	80	14	47	25	0	251	6	2	73		
24	Thu	110	80			26	0	249	6	2	74		
25	Fri	110	60			23	0	249	6	2	73		
26	Sat	140	80			24	0	252	6	2	72		
27	Sun	40	80			23	0	251	6	2	71		
28	Mon	220	80			24	0	252	6	2	75		
29	Tue	80	80			38	0	258	6	2	71		
30	Wed	200	80			39	0	267	6	2	71		
AVERAGE		147	89	3	5	28		250	6	2	72		
MAXIMUM		360	160	27	47	48		269	6	2	77		
MINIMUM		40	60	14	20	20	0	240	6	2	68		
# OF DATA		30	30	4	5	30	30	30	30	30	30		
TOTAL		4400	2675	88	142	851		7490	180	68	2149		

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	Tue								90				97	14				29			204	17.1	
2	Wed								90				97	21				14			218	3.9	14
3	Thu								92				96	31				62			222	7.2	
4	Fri								92				96	55				98			222	7.2	
5	Sat								92				96	14				27			222	7.1	
6	Sun								92				96	20				40			222	7.1	
7	Mon		4.50	70.1	6.62	1.42	65.7	6.99	92	1.54	64.1	6.91	96	37	3.92	58.4	6.96	34			242	10.7	20
8	Tue								92				97	17				41			242	14.8	
9	Wed								92				97	18				34	0.20		240	14.6	
10	Thu								92				97	31				62			240	18.4	
11	Fri								92				97	20				41			239	21.5	
12	Sat								92				97	23				53	0.23		240	21.1	
13	Sun								92				97	23				48			240	20.6	
14	Mon		3.60	71.8	6.27	2.56	58.4	7.06	91	1.78	56.9	7.01	97	25	3.90	57.9	7.02	11			271	25.6	31
15	Tue								91				97	7				0			271	28.1	
16	Wed								92				97	24				43			269	31.5	
17	Thu								93				97	20				37			269	35.4	
18	Fri								93				97	28				56	0.78		269	23.8	
19	Sat								93				97	20				36			268	7.3	
20	Sun								93				97	22				41			267	7.1	
21	Mon		4.60	74.7	6.19	2.29	55.6	7.05	93	1.88	61.1	6.98	97	61	3.91	56.9	6.97	31			102	7.0	54
22	Tue								93				97	51				2				7.2	58
23	Wed								93				97	5				0				7.8	
24	Thu								93				97	11				0				8.7	
25	Fri								93				97	11				14				18.2	
26	Sat								93				97	14				28				21.7	
27	Sun								93				97	15				31				20.9	
28	Mon		4.51	74.2	6.66	2.41	58.5	7.06	93	2.17	59.2	7.05	97	18	3.86	59.2	7.02	42				23.8	
29	Tue								93				97	37				0				13.8	45
30	Wed								93				97	28				0					14
AVERAGE			4.30	72.7	6.44	2.17	59.6	7.04	92	1.84	60.3	6.99	97	24	3.90	58.1	6.99	32	0.40		166	15.3	8
MAXIMUM			4.60	74.7	6.66	2.56	65.7	7.06	93	2.17	64.1	7.05	97	61	3.92	59.2	7.02	98	0.78		271	35.4	58
MINIMUM			3.60	70.1	6.19	1.42	55.6	6.99	90	1.54	56.9	6.91	96	5	3.86	56.9	6.96	0	0.20				
# OF DATA			4	4	4	4	4	4	30	4	4	4	30	30	4	4	4	30	3	30	30	30	30
TOTAL			17	291	26	9	238	28	2770	7	241	28	2902	721	16	232	28	958	1		4979	459	235

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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 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 :	April 9, 2014	<0.005	0.038	<0.005	0.006	0.050		<0.005	0.015	<0.005	<0.005	0.026			
2nd Date :	April 20, 2014							<0.005	0.021	<0.005	<0.005	0.025	<0.005		
3rd Date :	April 22, 2014	0.008	0.071	<0.005	0.009	0.085	<0.005	<0.005	0.020	<0.005	<0.005	0.026	<0.005		
4th Date :	April 24, 2014							<0.005	0.019	<0.005	<0.005	0.030	<0.005		
5th Date :															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.005	0.055	<0.003	0.008	0.068	<0.003	<0.003	0.019	<0.003	<0.003	0.027	<0.003		
Maximum		0.008	0.071	<0.005	0.009	0.085	<0.005	<0.005	0.021	<0.005	<0.005	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	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	7.1	5.3	11	8	686	360	11	8	493	372	1.06	0.78	57	35	9.7	7.83	< 0.01	243	5
% of Limit	102%	75%	28%	31%	21%	17%	25%	28%	13%	15%	39%	44%	25%	24%	162%				
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: Apr-14
 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 7,403

Overall Percent Removal of Volatile Solids 47.9%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 28,643

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 471

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 52

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 980

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 41

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

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 5

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	24%	43%	1%
Secondary Treatment :	78%	60%	24%
Adv. Sec. Treatment :	59%	66%	94%
Overall Treatment :	93%	92%	95%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	3.0	1.3	2.3
Secondary Settling Tank	2.2	0.9	1.7
Final Settling Tank	7.0	2.9	5.3
Chlorine Contact Tank	0.48	0.20	0.37
Total Plant Retention Time	12.3	5.1	9.4

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1214	501	658
Secondary Settling Tank	1602	661	869
Final Settling Tank	817	337	443

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	10	13
Secondary Settling Tank	19	8	10
Final Settling Tank	19	8	10

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:

4/17/2014 - Sulfur dioxide usage is estimated from SCADA
 4/6/2014 - Successful test of emergency power system
 4/16/2014 - Successful test of emergency power system
 4/21/2014 - 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 Monthly Report of Operation (CSO MRO)

State Form 50546 (R3 / 7-13)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: La Porte		Page: 1 of 2		Permit Number: IN0025577																
Facility: La Porte Wastewater Treatment Facility		Public Notification Requirements Met? Y																		
Monitoring Period: April 2014		Check box if no CSO discharge occurred for the month: <input checked="" type="checkbox"/>			X															
Design Peak Inf. Flow(MGD) 9.7		Design Average Flow (MGD) 7.0		Measured/Metered (M) or Estimated (E) must be specified.																
WWTP Influent Data		Precipitation Data			CSO Outfall No. 002															
Day of Month	Avg Infl. Flow Rate (MGD)	Peak Infl. Flow Rate (MGD)	Time Precip. began (AM/PM)	Precip. Duration (HOURS)	Total Daily Precip. (inches)	Peak Intensity (Inch/Hr)	Measurement Interval (hr, 30min, 15min)	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	8.41	10.19	12:00 AM	0.0	0.02	0.01	HR													
2	4.78	9.57																		
3	8.54	10.15	2:29 AM	1.8	1.22	0.27	HR													
4	9.71	10.13	8:55 AM	0.1	0.05	0.04	HR													
5	7.92	10.21																		
6	5.64	9.63																		
7	5.51	10.00	3:23 PM	0.1	0.07	0.06	HR													
8	4.75	7.26																		
9	5.65	10.06																		
10	5.49	10.12																		
11	4.27	5.76																		
12	5.09	6.21																		
13	5.15	9.61	12:00 AM	0.1	0.04	0.01	HR													
14	4.69	6.47	12:45 AM	0.1	0.07	0.03	HR													
15	4.21	6.05																		
16	4.66	6.42																		
17	5.20	9.84																		
18	4.06	5.73																		
19	4.29	6.17																		
20	5.08	9.79																		
21	4.60	9.37	7:04 PM	0.2	0.15	0.05	HR													
22	4.13	7.91																		
23	4.78	5.38																		
24	4.22	7.24																		
25	4.35	6.61	3:47 AM	0.2	0.11	0.04	HR													
26	5.06	9.39																		
27	4.00	5.58			0.01	0.01	HR													
28	4.28	9.78	6:41 AM	0.3	0.19	0.11	HR													
29	4.52	9.70	3:55 AM	0.1	0.06	0.03	HR													
30	4.85	5.66	12:00 AM	0.0	0.02	0.02	HR													
31																				
Totals:		157.89		3.07	2.01					0.0										
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							
													06/02/2014							