

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jun-2015
 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 Jack

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 '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	Total P in mg/L	pH	CBOD in mg/L	TSS in mg/L	NH3 in mg/L	Total P in mg/L	pH	CBOD in mg/L	TSS in mg/L	NH3 in mg/L	Total P 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	5.7					0.0	7.68	64	67	29.4		7.57	54	72	34.6		7.26	12	44	19.1		5.3		2.7		0.40	9.1	0.59	
2	Tue	4.0					0.0	8.05	97	96	21.7		7.59	66	38	20.7		7.25	14	20	9.0		4.7		2.3		0.78	6.1	0.53	
3	Wed	3.0				5.0	0.0	7.73	84	103	13.0	2.78	7.48	73	66	15.7	2.85	7.18	15	26	7.8	2.62	4.1		1.9		0.98	5.6	0.84	
4	Thu	4.4					0.0	7.81	108	116	16.6		7.61	69	68	15.1		7.18	15	28	7.6		4.7		2.0		0.54	6.4	0.47	
5	Fri	3.2					0.0	7.60	105	150	24.7		7.46	82	68	25.4		7.29	16	19	12.5		4.7		1.8	90	1.02	4.9	0.53	
6	Sat	3.0	4.7				0.0	7.52	180	114	21.0		7.43	111	50	21.6		7.32	18	20	10.6		4.7		1.8		1.20	4.3	0.47	
7	Sun	5.9		1.08			0.0	7.70	97	186	10.2		7.44	83	108	11.4		7.37	22	38	6.8		5.7		2.8		0.43	7.8	0.32	
8	Mon	9.6		0.29		11.3	0.0	7.60	47	45	5.1		7.46	44	56	5.3		7.18	17	36	2.5		7.4		3.9		0.18	12.4	0.30	90
9	Tue	6.3					0.0	7.59	43	44	8.8		7.41	59	58	9.2		7.16	13	28	4.3		5.8		3.9		0.53	9.4	0.48	
10	Wed	4.4		0.09		0.4	0.0	7.68	95	102	12.8	3.11	7.58	67	44	12.5	2.42	7.33	27	19	5.5	1.95	4.8	90	2.9		0.77	6.3	0.43	
11	Thu	5.0		0.35		6.6	0.0	7.60	73	104	8.4		7.42	62	58	9.4		7.20	26	31	5.9		5.6		2.6	90	0.64	7.0	0.40	
12	Fri	9.3		0.27		12.7	0.0	7.47	45	82	5.9		7.38	43	79	6.1		7.18	17	42	3.4		7.6		3.7		0.21	12.0	0.29	
13	Sat	5.1	6.5	0.01			0.0	7.52	65	54	10.9		7.40	54	40	12.1		7.21	17	26	5.2		4.8		3.9		0.70	8.5	0.67	
14	Sun	3.8		0.02			0.0	7.50	78	100	12.8		7.43	68	34	13.9		7.22	14	16	5.4		4.8		2.5		0.91	5.9	0.54	
15	Mon	6.5		1.26		12.7	0.0	7.80	47	82	7.1		7.39	40	68	7.8		7.32	16	31	3.7		6.2		3.1		0.43	9.0	0.37	
16	Tue	9.8		0.06		22.1	0.0	7.54	44	34	4.6		7.41	33	54	5.4		7.17	14	32	2.5		7.4		3.8		0.15	12.5	0.28	
17	Wed	7.9		0.08		3.5	0.0	7.48	42	47	7.4	1.45	7.38	45	66	9.3	2.27	7.15	14	31	5.8	1.85	7.4		2.9		0.31	11.0	0.39	
18	Thu	5.3					0.0	7.55	68	56	9.3		7.42	61	52	10.6		7.25	25	24	5.9		4.7		2.5		0.36	8.0	0.51	
19	Fri	4.0					0.0	7.55	98	120	13.8		7.43	70	55	13.6		7.24	16	21	6.0		4.7		1.8		0.61	5.2	0.29	
20	Sat	4.4	6.0	0.18			0.0	7.69	80	92	10.5		7.49	70	56	12.8		7.24	20	28	6.1		4.7		1.8		0.45	7.0	0.57	
21	Sun	4.7		0.05		1.1	0.0	7.60	98	174	9.6		7.40	72	80	10.5		7.20	19	23	5.2		5.1		2.7		0.67	6.1	0.32	
22	Mon	3.5					0.0	7.54	124	113	16.7		7.46	80	40	16.4		7.26	21	12	6.3		4.7	120	2.3		0.97	4.0	0.14	
23	Tue	4.6					0.0	7.61	90	60	12.3		7.49	73	46	14.4		7.32	17	24	6.3		4.7		2.3		0.53	7.1	0.55	
24	Wed	3.6					0.0	7.50	112	72	15.3	3.06	7.44	73	42	16.4	2.53	7.22	18	12	6.6	2.27	4.7		2.3		0.92	4.6	0.27	
25	Thu	8.2		0.77		10.7	0.0	7.54	61	74	7.8		7.42	60	70	9.2		7.15	21	31	5.2		6.8		3.4		0.25	10.4	0.27	
26	Fri	6.3		0.25		1.5	0.0	7.53	70	60	8.5		7.48	52	43	8.1		7.20	17	26	3.7		6.0		2.7		0.36	9.1	0.44	
27	Sat	6.4	5.3	0.26		2.2	0.0	7.62	47	60	7.1		7.53	37	48	7.8		7.22	13	26	3.3		5.8		3.8		0.50	9.0	0.41	
28	Sun	3.7		0.02			0.0	7.54	110	92	13.1		7.45	69	54	12.9		7.24	25	14	4.5		4.8		2.7		1.02	4.6	0.24	
29	Mon	7.6		0.75		16.2	0.0	8.17	50	63	4.9		7.71	49	54	5.7		7.11	20	27	2.7		6.6		3.3	160	0.30	9.8	0.29	
30	Tue	6.0		0.04			0.0	7.70	63	48	10.1		7.54	48	38	10.0		7.21	14	16	4.5		5.3		2.5		0.31	8.7	0.46	
AVERAGE		5.5		0.19		3.7	0.0	7.63	79	87	12.0	2.60	7.47	62	57	12.8	2.52	7.23	18	26	6.1	2.17	5.5	7	2.8	11	0.58	7.7	0.42	3
MAXIMUM		9.8	6.5	1.26		22.1	0.0	8.17	180	186	29.4	3.11	7.71	111	108	34.6	2.85	7.37	27	44	19.1	2.62	7.6	120	3.9	160	1.20	12.5	0.84	90
MINIMUM		3.0		0.00		0.0	0.0	7.47	42	34	4.6	1.45	7.38	33	34	5.3	2.27	7.11	12	12	2.5	1.85	4.1	90	1.8	90	0.15	4.0	0.14	90
# OF DATA		30		30		30	30	30	30	30	4	30	30	30	30	4	30	30	30	30	4	30	2	30	3		30			1
TOTAL		165		5.83		111	0	229	2384	2610	359	10	224	1865	1705	384	10	217	529	770	184	9	164	210	83	340		232		90

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Permit # IN0025577
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 Certified Operator : Jerry P Jackson
 Certification Number : 11496

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	Total P in mg/L	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	5.4	7.52	7.33	7		320		24		1147		1.09		52			9.3		1.11	9	< 0.01
2	Tue	3.8	7.64	7.50	10		318		8		265		0.13		4			8.7		1.08	12	< 0.01
3	Wed	2.9	7.66	7.56	10		261		11		279		0.21		5		2.09	8.8		0.68	12	< 0.01
4	Thu	4.1	7.67	7.51	9		327		10		345		0.21		8			9.0		1.16	8	< 0.01
5	Fri	3.1	7.70	7.32	9		250		7		188		0.22		6			8.8		1.05	1	< 0.01
6	Sat	2.8	7.70	7.43	7	9	180	330	9	14	222	661	0.34	0.47	8	25		8.9		1.11	3	< 0.01
7	Sun	5.4	7.70	7.50	17		838		30		1487		0.21		10			8.9		1.18	1	< 0.01
8	Mon	8.6	7.31	7.11	13		1038		23		1836		0.12		10			8.5		1.19	108	< 0.01
9	Tue	5.9	7.37	7.30	9		461		16		821		0.16		8			8.8		1.20	17	< 0.01
10	Wed	4.1	7.54	7.44	9		316		7		255		0.15		5		1.76	8.6		1.15	15	< 0.01
11	Thu	4.6	7.54	7.36	10		425		13		520		0.27		11			8.4		1.14	22	< 0.01
12	Fri	8.4	7.36	7.18	16		1214		32		2474		0.26		20			8.1		1.15	106	< 0.01
13	Sat	4.8	7.55	7.28	10	12	429	674	18	20	765	1165	0.18	0.19	8	10		8.2		1.24	10	< 0.01
14	Sun	3.6	7.57	7.36	7		216		6		191		0.11		4			8.2		1.24	4	< 0.01
15	Mon	5.9	7.53	7.35	12		654		23		1254		0.24		13			8.3		1.21	88	< 0.01
16	Tue	8.8	7.36	7.25	9		740		19		1545		0.17		14			8.4		1.21	21	< 0.01
17	Wed	7.2	7.42	7.26	13		877		18		1187		0.29		19		1.66	8.4		1.20	98	< 0.01
18	Thu	4.9	7.54	7.40	13		582		15		661		0.19		8			8.5		1.22	2	< 0.01
19	Fri	3.7	7.62	7.35	12		404		10		337		0.16		5			8.6		1.14	6	< 0.01
20	Sat	4.1	7.58	7.44	13	11	481	565	14	15	518	813	0.25	0.20	9	10		8.5		1.08	23	< 0.01
21	Sun	4.3	7.56	7.41	12		467		11		408		0.14		5			8.3		1.11	67	< 0.01
22	Mon	3.2	7.64	7.38	7		206		1		29		0.23		7			8.7		1.01	2	< 0.01
23	Tue	4.2	7.71	7.48	5		191		14		514		0.31		12			8.8		1.17	29	< 0.01
24	Wed	3.4	7.62	7.49	6		189		2		61		0.33		10		1.86	8.6		1.01	3	< 0.01
25	Thu	7.4	7.66	7.21	11		731		10		683		0.54		37			8.4		1.21	280	< 0.01
26	Fri	5.8	7.52	7.41	7		369		11		581		0.27		14			8.5		1.20	11	< 0.01
27	Sat	5.9	7.53	7.20	6	8	325	354	15	9	798	439	0.25	0.30	13	14		8.8		1.10	23	< 0.01
28	Sun	3.5	7.71	7.33	7		210		4		108		0.17		5			8.8		0.98	5	< 0.01
29	Mon	6.8	7.44	7.24	11		678		14		887		0.33		21			8.7		1.40	490	< 0.01
30	Tue	5.6	7.52	7.40	7		353		11		523		0.23		11			8.5		1.11	37	< 0.01
AVERAGE		5.1			10		468		13		696		0.26		12		1.84	8.6		1.13	15	< 0.01
MAXIMUM		8.8	7.71		17	12	1214	674	32	20	2474	1165	1.09	0.47	52	25	2.09	9.3		1.40	490	< 0.01
MINIMUM		2.8		7.11	5		180		1		29		0.11		4		1.66	8.1		0.68	1	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		4	30		30	30	30
TOTAL		152	227	221	294		14049		403		20888		8		365		7	258.0		34.04	1513	< 0.01

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LaPorte Wastewater Treatment Plant
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	Mon	130	110			25	0	284	6	2	69
2	Tue	100	80			25	0	284	2	2	78
3	Wed	60	60	27	27	23	0	283	6	2	83
4	Thu	90	80			25	0	287	6	2	82
5	Fri	90	50			25	0	277	6	2	83
6	Sat	50	50			25	0	271	6	2	84
7	Sun	140	120			35	0	270	6	2	82
8	Mon	230	200			48	0	268	6	2	84
9	Tue	160	120	27	27	33	0	270	6	2	81
10	Wed	80	20			27	0	282	6	2	85
11	Thu	100	80			33	0	280	6	2	82
12	Fri	200	200			35	0	281	6	2	86
13	Sat	100	80			29	0	293	6	2	81
14	Sun	100	60			30	0	286	6	2	82
15	Mon	120	140			41	0	277	6	2	83
16	Tue	200	200	34	27	41	0	277	6	2	81
17	Wed	260	160			28	0	275	6	2	84
18	Thu	100	100			26	0	282	6	2	82
19	Fri	10	80		20	28	0	271	6	2	81
20	Sat	100	90			27	0	265	6	2	82
21	Sun	100	70			34	0	260	6	2	81
22	Mon	80	60			26	0	252	6	2	83
23	Tue	80	100			28	0	248	6	2	82
24	Wed	80	60			21	0	245	6	2	81
25	Thu	160	160			35	0	246	6	2	81
26	Fri	260	160	34	20	28	0	256	6	2	83
27	Sat	20	100			24	0	255	6	2	81
28	Sun	100	60			22	0	250	6	2	81
29	Mon	140	120			38	0	260	6	2	85
30	Tue	120	120			23	0	282	6	2	80
AVERAGE		119	103	4	4	30		270	6	2	82
MAXIMUM		260	200	34	27	48		293	6	2	86
MINIMUM		10	20	27	20	21	0	245	2	2	69
# OF DATA		30	30	4	5	30	30	30	30	30	30
TOTAL		3560	3090	122	122	888		8115	176	67	2452

Secondary Digester		Date:
<i>Sample Taken by Grab Method</i>		
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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LaPorte Wastewater Treatment Plant

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Phone # (219)362-2354

		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		2.85	67.0	6.72	1.81	61.9	7.19	94	2.12	57.4	6.95	97	56	3.76	59.9	7.19	15			103		50
2	Tue								94				97	7				0			102		
3	Wed								94				97	35				57			102		
4	Thu								94				97	12				23			84	16.6	
5	Fri								94				97	45				83	2.20		55	28.3	
6	Sat								94				97	36				57			47	7.1	
7	Sun								94				97	39				60			51		
8	Mon		1.87	80.2	6.46	2.06	58.2	7.06	94	3.51	56.6	6.98	97	49	2.12	60.6	6.78	39			76		24
9	Tue								94				97	37				67			75		
10	Wed								94				97	33				24			75		23
11	Thu								94				97	37				54			99		
12	Fri								94				97	40				70	1.53		82	17.8	
13	Sat								94				97	32				54			62	18.3	
14	Sun								94				97	43				72			62		
15	Mon		2.70	70.5	6.36	1.67	64.9	7.12	94	1.94	61.1	6.97	97	54	3.60	59.0	7.02	46			98		32
16	Tue								94				97	36				66			97		
17	Wed								94				97	68				104	0.62		97		
18	Thu								94				97	41				56			97		
19	Fri								94				97	43				57	0.10		97		
20	Sat								94				97	42				57	0.88		97		
21	Sun								94				97	22				39			97		
22	Mon		1.98	79.8	6.68	2.46	58.2	6.93	94	2.04	58.7	6.81	97	35	3.53	58.3	6.92	21			128		32
23	Tue								94				97	26				28	0.19		128		
24	Wed								94				97	24				49			127		
25	Thu								94				97	40				46			160		31
26	Fri								94				97	20				12			160		
27	Sat								94				97	31				57			160		
28	Sun								94				97	23				50			159		
29	Mon		0.68	80.8	6.57	1.84	58.7	7.04	94	1.88	58.9	6.85	97	42	3.64	57.7	6.93	11			196		34
30	Tue								94				97	26				63			182	12.5	
AVERAGE			2.02	75.7	6.56	1.97	60.4	7.07	94	2.30	58.5	6.91	97	36	3.33	59.1	6.97	48	0.92		105	3.4	8
MAXIMUM			2.85	80.8	6.72	2.46	64.9	7.19	94	3.51	61.1	6.98	97	68	3.76	60.6	7.19	104	2.20		196	28.3	50
MINIMUM			0.68	67.0	6.36	1.67	58.2	6.93	94	1.88	56.6	6.81	97	7	2.12	57.7	6.78	0	0.10		47		
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	6	30	30	30	30
TOTAL			10	378	33	10	302	35	2818	11	293	35	2913	1074	17	296	35	1437	6		3157	101	227

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jun-2015
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

Page 5 of 6
 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 Disinfection							
Site: Post Rake Room										Site: Post Disinfection							
Sample Characteristics		Cr	Cu	Pb	Ni	Zn	Cd	Ag	CN, Free	Cr	Cu	Pb	Ni	Zn	Cd	Ag	CN, Free
Sample Number		CO1118	CO1119	CO1114	CO1074	CO1094	CO1113	CO1079	CO0722	CO1118	CO1119	CO1114	CO1074	CO1094	CO1113	CO1079	CO0722
Sample Type	Permit Condition	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour
	Monitored	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	GRAB	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour	24 Hour
Frequency	Permit Condition	4 X Annual	2 X Month	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	2 X Month	4 X Annual	Weekly	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	2 X Month
	Monitored	4 X Annual	2 X Month	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	2 X Month	4 X Annual	Weekly	4 X Annual	4 X Annual	4 X Annual	4 X Annual	4 X Annual	2 X Month
Parameter Limits	Daily Maximum	NA	NA	NA	NA	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	NA	NA	NA	NA
1st Date :	June 3rd	0.007	0.053	0.0010	0.007	0.067	<0.0001	0.0007		0.001	0.021	<0.001	0.005	0.041	<0.0001	<0.0002	
2nd Date :	June 10th	0.006	0.073	0.0010	0.007	0.064	<0.0001	0.0003	<0.002	0.001	0.019	<0.001	0.004	0.037	<0.0001	0.0002	<0.002
3rd Date :	June 17th	0.006	0.030	0.0030	0.006	0.050	<0.0001	0.0005		0.003	0.022	0.0020	0.004	0.042	<0.0001	0.0002	
4th Date :	June 24th	0.010	0.042	0.0010	0.010	0.059	<0.0001	0.0003	<0.002	<0.001	0.016	<0.001	0.004	0.026	<0.0001	<0.0002	<0.002
5th Date :																	
6th Date :																	
7th Date :																	
8th Date :																	
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average		0.007	0.050	0.0015	0.008	0.060	<0.00005	0.0005	<0.001	0.001	0.020	0.0009	0.004	0.037	<0.00005	0.0002	<0.001
Maximum		0.010	0.073	0.0030	0.010	0.067	<0.00010	0.0007	<0.002	0.003	0.022	0.0020	0.005	0.042	<0.00010	0.0002	<0.002

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	6.5	5.5	12	10	674	468	20	13	1165	696	0.47	0.26	25	12	8.1	7.71	< 0.01	490	15
% of Limit	93%	79%	40%	49%	27%	28%	55%	56%	39%	35%	20%	16%	12%	9%	135%				
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: Jun-2015
 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 Jack
 Certification Number : 11496

Total lbs Volatile Solids to Digester 3,764

Monthly Removal Summary

Overall Percent Removal of Volatile Solids 53.5%

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	22%	35%	-7%
Secondary Treatment :	72%	55%	52%
Adv. Sec. Treatment :	45%	48%	96%
Overall Treatment :	88%	85%	98%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 21472

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 518

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.1	1.3	2.2
Secondary Settling Tank	3.0	0.9	1.6
Final Settling Tank	9.5	2.9	5.1
Chlorine Contact Tank	0.66	0.20	0.35
Total Plant Retention Time	16.7	5.1	8.9

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 63

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,004

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

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	1219	369	688
Secondary Settling Tank	1609	487	909
Final Settling Tank	820	248	463

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

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	24	7	13
Secondary Settling Tank	19	6	11
Final Settling Tank	19	6	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:

6/15/2015 - Successful test of emergency power system
 6/30/2015 - 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 fine 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
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Facility:	La Porte Wastewater Treatment Facility	Public Notification Requirements Met? Y
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Monitoring Period:	June 2015	Check box if no CSO discharge occurred for the month:	X
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Design Peak Inf. Flow(MGD)	9.7	Design Average Flow (MGD)	7.0	Measured/Metered (M) or Estimated (E) must be specified.
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WWTP Influent Data			Precipitation Data					CSO Outfall No. 002					CSO Outfall No.							
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	5.73	9.68																		
2	3.97	5.22																		
3	3.04	5.21																		
4	4.36	5.24																		
5	3.22	4.28																		
6	2.95	3.64																		
7	5.94	9.98	10:45 AM	1.2	1.08	0.54	HR													
8	9.57	10.10	4:32 PM	0.5	0.29	0.16	HR													
9	6.35	10.07																		
10	4.36	5.55	7:02 PM	0.2	0.09	0.08	HR													
11	4.99	10.13	4:16 PM	0.3	0.35	0.30	HR													
12	9.27	10.14	1:13 AM	0.4	0.27	0.10	HR													
13	5.09	5.96			0.01	0.01	HR													
14	3.82	6.21	12:00 AM	0.0	0.02	0.02	HR													
15	6.54	10.13	10:31 AM	1.3	1.26	0.47	HR													
16	9.75	10.20	2:36 AM	0.1	0.06	0.03	HR													
17	7.91	10.20	11:07 AM	0.1	0.08	0.04	HR													
18	5.28	5.88																		
19	4.04	5.65																		
20	4.44	5.77	10:41 PM	0.3	0.18	0.12	HR													
21	4.66	9.97	12:00 AM	0.1	0.05	0.12	HR													
22	3.54	4.45																		
23	4.57	5.50																		
24	3.65	5.31																		
25	8.19	10.17	4:30 AM	1.0	0.77	0.56	HR													
26	6.33	10.07	5:16 PM	0.4	0.25	0.09	HR													
27	6.38	10.08	12:00 AM	0.4	0.26	0.09	HR													
28	3.71	5.38	12:00 AM	0.0	0.02	0.02	HR													
29	7.59	10.18	6:50 AM	1.1	0.75	0.49	HR													
30	5.97	10.03	5:12 AM	0.1	0.04	0.04	HR													
31																				
Totals:	165.20			7.32	5.83							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
	03/21/2016



**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: 2 of 2	Permit Number: IN0025577
Facility:	La Porte Wastewater Treatment Facility	Public Notification Requirements Met? Y	
Monitoring Period:	June 2015	Check box if no CSO discharge occurred for the month: X	
Design Peak Inf. Flow(MGD)	9.7	Design Average Flow (M	7.0

Day of Month	Comments (further explanation as to why each CSO event occurred)
1	
2	
3	
4	
5	
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29	
30	
31	

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
	03/21/2016