

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Nov-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	Sun	4.3				1.4	0.0	7.64	35	48	7.7		7.51	69	106	12.5		7.27	16	31	6.4		5.1		2.0		0.66	5.2	0.22	
2	Mon	2.8		0.01			0.0	7.63	109	143	15.4		7.46	99	68	18.3		7.19	19	19	9.0		4.6		2.1		1.37	4.0	0.43	
3	Tue	3.4					0.0	7.69	98	120	11.0		7.51	98	60	14.7		7.26	19	21	7.6		4.6		2.3		1.01	4.4	0.28	
4	Wed	4.1					0.0	7.64	111	91	14.7	3.43	7.53	89	54	15.8	2.73	7.38	19	23	7.5	2.53	5.0		2.5		0.82	6.0	0.46	
5	Thu	3.3		0.05			0.0	7.62	130	108	17.6		7.44	89	42	17.9		7.27	24	14	8.8		4.6		2.3		1.09	4.6	0.40	
6	Fri	4.8		0.15		1.9	0.0	7.82	133	116	13.0		7.38	89	76	12.3		7.26	22	31	8.8		5.0		2.2		0.51	6.5	0.36	
7	Sat	3.3	3.7				0.0	7.68	113	108	16.5		7.55	75	50	17.2		7.40	16	22	8.4		4.6		1.8		0.94	4.0	0.23	
8	Sun	2.8					0.0	7.62	35	104	15.1		7.58	83	56	19.4		7.32	9	18	10.3		4.6		1.8		1.28	4.0	0.45	
9	Mon	3.8		0.01			0.0	7.69	107	103	14.7		7.61	77	52	14.5		7.30	15	16	7.3		4.9		2.3		0.87	5.8	0.50	
10	Tue	3.3					0.0	7.61	115	114	14.8		7.50	79	70	17.6		7.28	16	20	8.2		4.6		2.3		1.08	4.8	0.43	
11	Wed	3.5		0.26			0.0	7.69	117	150	15.1	2.62	7.56	74	54	17.4	2.85	7.37	15	15	9.0	2.71	4.6		2.3		1.00	5.4	0.56	
12	Thu	4.0		0.04		1.6	0.0	7.71	290	366	10.2		7.52	60	62	14.0		7.50	29	65	8.6		4.9		2.5		0.88	5.0	0.26	
13	Fri	3.7					0.0	7.74	124	116	12.0		7.61	72	49	16.4		7.55	17	19	9.1		4.6		2.0	150	0.75	5.1	0.36	
14	Sat	3.5	3.5				0.0	7.66	118	140	17.7		7.61	75	50	16.9		7.44	18	22	9.8		4.6		1.8		0.84	4.2	0.23	
15	Sun	2.9					0.0	7.63	136	106	14.9		7.60	90	50	15.4		7.38	21	18	8.8		4.6		1.8		1.19	3.9	0.36	
16	Mon	3.2		0.02			0.0	7.62	165	136	17.2		7.55	95	54	17.4		7.37	18	21	9.0		4.6		2.2		1.11	4.8	0.48	
17	Tue	4.2		0.24		1.4	0.0	7.59	120	152	13.7		7.47	100	80	14.2		7.32	29	31	8.0		5.0	90	2.8		0.86	6.2	0.47	90
18	Wed	5.9		0.31		5.7	0.0	7.64	65	120	11.0	2.33	7.50	70	64	10.4	2.68	7.28	17	33	5.1	2.24	5.5		3.1		0.44	7.5	0.27	
19	Thu	3.7					0.0	7.78	123	102	16.6		7.55	70	46	17.4		7.40	19	18	9.3		4.6		2.3		0.86	5.9	0.58	
20	Fri	3.3					0.0	7.73	105	126	18.5		7.56	89	70	17.5		7.41	24	33	9.9		4.6		2.0		0.96	4.1	0.22	
21	Sat	3.8	3.9	0.08			0.0	7.62	115	158	14.9		7.56	82	52	15.9		7.55	23	27	10.5		4.6		1.8		0.66	5.8	0.51	
22	Sun	3.5		0.05			0.0	7.60	122	94	15.3		7.51	82	62	15.9		7.41	18	33	9.6		4.6		1.8		0.83	4.8	0.39	
23	Mon	4.1		0.06			0.0	7.60	102	93	12.0		7.57	75	66	13.1		7.39	16	29	8.1		4.6		2.1		0.64	5.3	0.29	
24	Tue	2.9		0.03			0.0	7.61	225	196	15.9		7.52	98	48	15.0		7.39	15	23	7.8		4.6		2.3		1.39	4.0	0.36	
25	Wed	3.8		0.03			0.0	7.63	195	177	15.0	3.78	7.48	92	56	17.7	3.20	7.30	22	32	10.4	2.84	4.6		2.3	160	0.81	4.6	0.20	
26	Thu	4.1		0.12			0.0	7.64	185	138	10.7		7.45	91	58	12.6		7.32	18	28	7.2		4.9		2.5		0.81	5.0	0.24	
27	Fri	8.7		0.85		13.3	0.0	7.62	57	80	5.9		7.57	43	90	7.1		7.26	19	44	5.0		6.8		3.5		0.18	10.2	0.16	
28	Sat	6.8	4.9	0.01			0.0	7.63	68	68	8.6		7.58	46	50	8.8		7.42	13	37	5.8		5.9		2.8		0.27	9.6	0.41	
29	Sun	4.2					0.0	7.68	77	78	11.0		7.54	67	54	12.1		7.43	16	25	8.3		4.6		1.8		0.51	5.4	0.28	
30	Mon	3.2		0.03			0.0	7.68	150	159	14.2		7.57	96	52	16.6		7.38	20	26	9.5		4.5		2.1		1.09	4.6	0.44	
AVERAGE		4.0		0.08		0.8	0.0	7.66	122	127	13.7	3.04	7.53	80	60	15.1	2.87	7.36	19	26	8.4	2.58	4.8	3	2.3	10	0.86	5.4	0.36	3
MAXIMUM		8.7	4.9	0.85		13.3	0.0	7.82	290	366	18.5	3.78	7.61	100	106	19.4	3.20	7.55	29	65	10.5	2.84	6.8	90	3.5	160	1.39	10.2	0.58	90
MINIMUM		2.8		0.00		0.0	0.0	7.59	35	48	5.9	2.33	7.38	43	42	7.1	2.68	7.19	9	14	5.0	2.24	4.5	90	1.8	150	0.18	3.9	0.16	90
# OF DATA		30		30		30	30	30	30	30	30	4	30	30	30	30	4	30	30	30	30	4	30	1	30	2		30		1
TOTAL		119		2.35		25	0	230	3646	3810	411	12	226	2413	1801	452	11	221	559	793	251	10	144	90	68	310		161		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	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	Sun	4.4	7.78	7.21	11		375		14		482		0.48		17			9.8		1.15		< 0.01
2	Mon	2.9	7.65	7.49	9		205		7		165		0.23		5			10.0				
3	Tue	3.5	7.77	7.54	16		450		6		172		0.16		5			9.7				
4	Wed	4.1	7.99	7.60	14		482		9		310		0.47		16		2.30	9.3				
5	Thu	3.3	7.80	7.56	11		306		3		68		0.29		8			9.2				
6	Fri	4.7	7.62	7.38	13		519		9		359		0.48		19			9.3				
7	Sat	3.4	7.86	7.41	8	12	228	367	12	8	326	269	0.36	0.35	10	11		10.0				
8	Sun	2.9	7.76	7.52	6		143		6		127		0.27		6			10.1				
9	Mon	3.9	7.82	7.53	10		320		11		352		0.72		23			9.9				
10	Tue	3.4	7.79	7.63	13		348		9		237		0.35		10			10.1				
11	Wed	3.5	7.84	7.60	10		291		7		204		0.33		10		2.53	9.5				
12	Thu	3.9	7.71	7.42	16		511		9		280		0.49		16			10.1				
13	Fri	3.7	7.81	7.52	9		271		5		156		0.34		11			10.3				
14	Sat	3.5	7.76	7.59	11	11	326	316	8	8	230	227	0.51	0.43	15	13		10.6				
15	Sun	3.0	7.70	7.50	11		267		6		145		0.29		7			10.3				
16	Mon	3.2	7.66	7.49	10		275		7		187		0.22		6			9.8				
17	Tue	4.1	7.71	7.41	15		514		16		542		0.61		21			9.5				
18	Wed	5.7	7.61	7.22	12		607		9		444		0.73		36		2.29	9.6				
19	Thu	3.8	7.59	7.33	16		507		7		218		0.31		10			9.9				
20	Fri	3.4	7.68	7.32	20		549		16		446		0.45		13			10.6				
21	Sat	3.9	7.71	7.54	16	14	514	462	6	10	193	311	0.64	0.46	21	16		10.2				
22	Sun	3.6	7.64	7.47	13		362		19		536		0.63		18			10.3				
23	Mon	4.2	7.65	7.52	11		379		13		448		0.55		19			10.8				
24	Tue	3.1	7.70	7.51	12		288		9		206		0.33		8			11.3				
25	Wed	3.9	7.63	7.45	10		314		9		289		0.50		16		2.65	10.6				
26	Thu	4.0	7.61	7.49	10		345		12		389		0.39		13			10.2				
27	Fri	8.3	7.54	7.04	14		1021		25		1824		0.47		34			10.8				
28	Sat	6.8	7.64	7.31	10	11	571	469	17	15	971	666	0.60	0.50	34	20		12.1				
29	Sun	4.3	7.76	6.85	9		333		10		336		0.47		17			11.3				
30	Mon	3.3	7.76	7.56	14		363		11		291		0.38		10			10.7				
AVERAGE		4.0			12		399		10		364		0.44		15		2.44	10.2		1.15		< 0.01
MAXIMUM		8.3	7.99		20	14	1021	469	25	15	1824	666	0.73	0.50	36	20	2.65	12.1		1.15		< 0.01
MINIMUM		2.9		6.85	6		143		3		68		0.16		5		2.29	9.2		1.15		0.00
# OF DATA		30	30	30	30		30		30		30		30		30		4	30		1		1
TOTAL		120	232	223	359		11984		302		10933		13		453		10	305.9		1.15		< 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	Sun					31	0	303	6	2	85	
2	Mon					22	0	285	6	2	85	
3	Tue					27	0	279	6	2	86	
4	Wed					24	0	278	6	2	87	
5	Thu					21	0	275	6	2	84	
6	Fri			20	47	30	0	278	6	2	83	
7	Sat					21	0	276	6	2	84	
8	Sun					21	0	269	6	2	92	
9	Mon					23	0	266	6	2	83	
10	Tue					23	0	267	6	2	82	
11	Wed					22	0	267	6	2	88	
12	Thu					33	0	272	6	2	88	
13	Fri			20	27	22	0	271	6	2	86	
14	Sat					21	0	270	6	2	58	
15	Sun					22	0	264	6	2	84	
16	Mon					24	0	260	6	2	84	
17	Tue					27	0	264	6	2	84	
18	Wed			20	34	33	0	272	6	2	85	
19	Thu					20	0	270	6	2	87	
20	Fri					21	0	269	6	2	90	
21	Sat					27	0	268	6	2	92	
22	Sun					23	0	270	6	2	84	
23	Mon					25	0	273	6	2	84	
24	Tue					25	0	277	6	2	85	
25	Wed			20	27	30	0	278	6	2	87	
26	Thu					28	0	274	6	2	88	
27	Fri					35	0	272	6	2	87	
28	Sat					20	0	273	6	2	94	
29	Sun					22	0	269	6	2	88	
30	Mon			27	27	20	0	265	6	2	69	
AVERAGE				4	5	25		272	6	2	85	
MAXIMUM				27	47	35		303	6	2	94	
MINIMUM				20	27	20	0	260	6	2	58	
# OF DATA				5	5	30	30	30	30	30	30	
TOTAL				108	162	743		8175	180	66	2544	

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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			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	Sun								91				97	44				88	2.35				
2	Mon		3.35	72.4	6.38	2.55	60.7	6.90	91	1.51	63.9	6.86	97	33	3.24	62.5	6.95	18			180		35
3	Tue								91				97	15				8					
4	Wed								91				97	13				23					
5	Thu								91				97	16				37					
6	Fri								91				97	33				66					
7	Sat								91				97	34				68					
8	Sun								91				97	36				80	0.75				
9	Mon		3.26	68.7	6.57	1.76	59.9	7.02	91	1.56	62.2	6.90	97	23	3.39	62.1	6.95	9					18
10	Tue								91				97	25				62					
11	Wed								91				97	23				60					
12	Thu								91				97	46				81	1.75				
13	Fri								91				97	35				72	0.29				
14	Sat								91				97	24				61	0.85				
15	Sun								90				97	26				60	0.85				
16	Mon		3.07	77.3	6.98	2.99	61.2	7.01	90	1.76	61.8	6.87	97	37	3.87	61.8	6.96	28					21
17	Tue								90				97	20				52					
18	Wed								90				97	26				56					
19	Thu								90				97	47				95					
20	Fri								90				97	31				64					
21	Sat								90				97	32				67					
22	Sun								90				97	27				74					
23	Mon		2.34	80.0	6.24	2.98	60.6	6.90	90	1.78	60.0	6.88	97	29	3.54	64.6	6.98	20					24
24	Tue								90				97	24				27					
25	Wed								89				97	41				67	0.20				
26	Thu								89				97	37				65					
27	Fri								89				97	48				108	1.71				
28	Sat								89				97	27				76	0.78				
29	Sun								89				97	25				58	1.25				
30	Mon		3.16	78.7	6.51	3.25	49.2	6.93	89	1.71	62.4	6.79	97	41	3.73	62.4	6.90	39			21		24
AVERAGE			3.04	75.4	6.54	2.71	58.3	6.95	90	1.66	62.1	6.86	97	31	3.55	62.7	6.95	56	1.08		7		4
MAXIMUM			3.35	80.0	6.98	3.25	61.2	7.02	91	1.78	63.9	6.90	97	48	3.87	64.6	6.98	108	2.35		180		35
MINIMUM			2.34	68.7	6.24	1.76	49.2	6.90	89	1.51	60.0	6.79	97	13	3.24	61.8	6.90	8	0.20				
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	10	30	30		30
TOTAL			15	377	33	14	292	35	2707	8	310	34	2910	918	18	313	35	1690	11		201		123

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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							
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:	November 4th		0.043								0.017						
2nd Date :	November 11th	0.015	0.068	0.0019	0.020	0.097	< 0.0001	0.0012	< 0.002	0.001	0.018	< 0.001	0.005	0.035	< 0.0001	< 0.0002	< 0.002
3rd Date	November 18th		0.054								0.024						
4th Date :	November 25th	0.016	0.064	0.0023	0.013	0.096	< 0.0001	0.0011	< 0.002	0.001	0.022	< 0.001	0.006	0.043	< 0.0001	0.0003	< 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		0.016	0.057	0.0021	0.017	0.097	<0.00005	0.0012	<0.001	0.001	0.020	<0.0005	0.006	0.039	<0.00005	0.0002	<0.001
Maximum		0.016	0.068	0.0023	0.020	0.097	<0.00010	0.0012	<0.002	0.001	0.024	<0.001	0.006	0.043	<0.00010	0.0003	<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	4.9	4.0	14	12	469	399	15	10	666	364	0.50	0.44	20	15	9.2	7.99	< 0.01		
% of Limit	69%	57%	48%	60%	19%	24%	41%	42%	22%	18%	21%	27%	10%	11%	153%				
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: Nov-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 4,727

Overall Percent Removal of Volatile Solids 45.3%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 23676

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 455

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

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 696

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 30

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 3

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

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	34%	53%	-10%
Secondary Treatment :	77%	56%	44%
Adv. Sec. Treatment :	36%	62%	95%
Overall Treatment :	90%	92%	97%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.4	1.4	3.1
Secondary Settling Tank	3.2	1.0	2.3
Final Settling Tank	10.2	3.2	7.1
Chlorine Contact Tank	0.70	0.22	0.49
Total Plant Retention Time	17.8	5.6	12.4

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	1093	346	496
Secondary Settling Tank	1443	456	655
Final Settling Tank	736	233	334

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	21	7	10
Secondary Settling Tank	17	5	8
Final Settling Tank	17	5	8

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:

11/2/2015 - Successful test of emergency power system.
 11/16/2015 - Successful test of emergency power system.
 11/30/2015 - 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:	November 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	4.29	9.81																		
2	2.83	3.63			0.01	0.01	HR													
3	3.44	4.67																		
4	4.13	9.22																		
5	3.28	4.97	7:40 PM	0.1	0.05	0.04	HR													
6	4.78	9.76	2:49 AM	0.2	0.15	0.11	HR													
7	3.26	4.48																		
8	2.77	3.54																		
9	3.84	9.28			0.01	0.01	HR													
10	3.34	5.18																		
11	3.49	5.19	9:02 PM	0.4	0.26	0.17	HR													
12	3.95	9.70	12:00 AM	0.1	0.04	0.18	HR													
13	3.74	5.05																		
14	3.45	4.69																		
15	2.91	4.70																		
16	3.20	5.38	12:00 AM	0.0	0.02	0.02	HR													
17	4.20	9.73	2:31 PM	0.4	0.24	0.20	HR													
18	5.92	10.07	3:17 AM	0.5	0.31	0.13	HR													
19	3.73	5.32																		
20	3.34	4.80																		
21	3.85	6.27	3:01 PM	0.1	0.08	0.03	HR													
22	3.47	5.06	11:57 AM	0.1	0.05	0.03	HR													
23	4.13	6.28	12:00 AM	0.1	0.06	0.02	HR													
24	2.90	3.77	12:00 AM	0.1	0.03	0.02	HR													
25	3.85	5.06	12:00 AM	0.1	0.03	0.01	HR													
26	4.05	8.62	12:19 AM	0.2	0.12	0.04	HR													
27	8.75	10.15	1:19 AM	1.4	0.85	0.27	HR													
28	6.85	9.79			0.01	0.01	HR													
29	4.24	7.29																		
30	3.18	5.16	12:00 AM	0.1	0.03	0.02	HR													
31																				
Totals:	119.13			3.55	2.35					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:	November 2015	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 (M)	7.0

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