

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jan-2016
 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 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	Fri	4.0					0.0	7.71	106	100	13.2		7.56	70	54	13.8		7.59	14	23	8.8		4.8		2.1		0.69	4.8	0.20	
2	Sat	3.8		0.01			0.0	7.76	105	124	13.8		7.64	64	48	14.3		7.56	14	26	10.0		4.7		1.8		0.71	4.3	0.15	
3	Sun	4.4					0.0	7.69	114	138	10.3		7.58	82	16	12.9		7.55	15	24	9.5		4.6		1.8		0.49	5.6	0.29	
4	Mon	4.6					0.0	7.67	108	129	9.8		7.59	73	50	12.6		7.47	17	23	8.5		4.6		2.2		0.49	6.0	0.31	
5	Tue	3.3				0.1	0.0	7.74	108	132	13.8		7.57	73	42	15.8		7.42	13	19	9.7		4.6		2.3		1.11	4.3	0.31	
6	Wed	4.1		0.02			0.0	7.75	108	92	14.2	2.44	7.59	72	42	14.0	2.50	7.42	15	27	10.1	2.11	4.6		2.4		0.74	5.1	0.27	
7	Thu	4.5		0.01			0.0	7.63	155	174	15.2		7.52	62	48	13.3		7.42	13	20	9.1		4.7		2.4	120	0.57	5.7	0.27	
8	Fri	4.6		0.16			0.0	7.64	140	178	12.8		7.58	88	77	14.6		7.31	18	28	10.6		5.2		2.0		0.58	6.1	0.32	
9	Sat	6.1	4.5	0.27		7.2	0.0	7.75	355	176	11.1		7.60	79	72	10.6		7.30	21	32	8.7		5.4		2.4		0.30	7.5	0.23	
10	Sun	5.1		0.01		0.9	0.0	7.72	100	96	7.8		7.62	50	54	8.4		7.62	15	29	5.5		5.0		2.3		0.44	6.9	0.36	
11	Mon	4.0				2.2	0.0	7.67	128	127	13.1		7.60	73	64	13.4		7.49	16	29	9.0		4.6		2.1		0.67	4.9	0.22	
12	Tue	3.4		0.07		2.8	0.0	7.59	83	70	10.3		7.60	38	42	11.7		7.64	19	19	8.3		4.0		1.7		0.69	6.0	0.78	
13	Wed	4.5					0.0	7.68	101	84	11.1	2.04	7.57	68	52	13.8	2.42	7.53	18	28	10.1	1.80	4.6		1.9		0.44	6.0	0.33	
14	Thu	4.0					0.0	7.65	145	158	12.2		7.57	87	62	15.8		7.42	19	34	12.3		5.1		1.9		0.73	5.4	0.33	
15	Fri	4.9		0.20		10.3	0.0	7.67	106	126	9.6		7.54	85	68	10.6		7.42	19	24	7.0		4.6		2.9	120	0.51	5.7	0.16	
16	Sat	4.3	4.3	0.01		1.7	0.0	7.78	106	94	12.0		7.61	74	72	12.3		7.49	20	32	8.1		4.6		2.5		0.66	5.0	0.17	
17	Sun	4.5					0.0	7.75	98	88	9.3		7.64	67	28	12.6		7.66	16	17	8.8		4.6		2.8		0.62	5.7	0.25	
18	Mon	3.7				0.3	0.0	7.74	123	82	11.7		7.61	79	48	13.3		7.55	20	18	8.8		4.6		2.5		0.93	4.6	0.25	90
19	Tue	4.0				3.2	0.0	7.56	116	110	9.7		7.54	90	54	11.1		7.54	21	23	8.3		4.0		2.1		0.52	5.6	0.39	
20	Wed	4.1		0.06			0.0	7.72	117	94	11.7	3.04	7.59	91	52	15.8	3.17	7.46	19	15	11.0	2.42	4.6		2.5		0.73	5.5	0.36	
21	Thu	4.5					0.0	7.61	103	82	9.0		7.56	76	50	11.4		7.44	25	17	8.4		4.6		2.4		0.54	6.1	0.36	
22	Fri	3.7					0.0	8.13	100	120	11.2		7.55	105	60	14.5		7.52	15	17	10.7		4.5		2.4	120	0.86	5.0	0.34	
23	Sat	3.6	4.0				0.0	7.67	170	118	9.8		7.58	86	62	12.0		7.46	17	22	9.5		4.5		2.4		0.92	5.0	0.38	
24	Sun	4.2				0.3	0.0	7.75	99	130	9.7		7.55	78	58	12.0		7.56	17	19	10.1		4.5		2.9		0.74	5.4	0.27	
25	Mon	4.5		0.05		0.1	0.0	7.61	145	139	10.7		7.51	94	50	13.0		7.46	22	22	9.3		4.5		2.5		0.55	5.6	0.24	
26	Tue	3.8					0.0	7.80	120	138	11.4		7.65	83	54	13.6		7.49	22	17	8.5		4.6	100	2.3		0.84	4.9	0.29	
27	Wed	5.7				12.7	0.0	7.68	73	102	7.4	1.60	7.61	64	48	10.3	1.89	7.60	17	18	8.4	1.66	4.6		3.3		0.38	6.9	0.21	
28	Thu	4.2					0.0	7.89	132	104	12.4		7.83	93	42	12.9		7.64	16	12	9.3		4.6		2.3		0.65	5.2	0.25	
29	Fri	3.5					0.0	7.79	130	114	14.3		7.71	105	49	14.7		7.54	19	16	10.5		4.6		2.3	150	0.99	4.7	0.34	
30	Sat	4.0	4.3				0.0	7.70	109	110	10.6		7.60	69	52	12.6		7.41	14	17	9.4		4.5		2.3		0.70	5.4	0.34	
31	Sun	4.5		0.01			0.0	7.61	102	208	9.4		7.56	80	38	11.6		7.49	13	11	9.1		4.5		2.6		0.60	5.3	0.19	
AVERAGE		4.3		0.03		1.4	0.0	7.71	123	121	11.2	2.28	7.59	77	52	12.9	2.50	7.50	17	22	9.2	2.00	4.6	3	2.3	16	0.66	5.5	0.30	3
MAXIMUM		6.1	4.5	0.27		12.7	0.0	8.13	355	208	15.2	3.04	7.83	105	77	15.8	3.17	7.66	25	34	12.3	2.42	5.4	100	3.3	150	1.11	7.5	0.78	90
MINIMUM		3.3		0.00		0.0	0.0	7.56	73	70	7.4	1.60	7.51	38	16	8.4	1.89	7.30	13	11	5.5	1.66	4.0	100	1.7	120	0.30	4.3	0.15	90
# OF DATA		31		31		31	31	31	31	31	31	4	31	31	31	31	4	31	31	31	31	4	31	1	31	4		31		1
TOTAL		132		0.88		42	0	239	3804	3737	348	9	235	2398	1608	399	10	232	535	677	285	8	144	100	72	510		170		90

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jan-2016
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

Permit # IN0025577
 Expires 12-31-2014
 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	Fri	4.3	7.66	7.51	6		198		14		470		0.71		24		12.6					
2	Sat	4.0	7.74	7.54	6		173		15		472		0.67		21		11.5					
3	Sun	4.5	7.75	7.49	6		218		10		363		0.48		17		11.0					
4	Mon	4.7	7.64	7.49	6		241		14		535		0.43		16		11.7					
5	Tue	3.6	7.72	7.50	6		165		10		275		0.30		8		12.0					
6	Wed	4.2	7.68	7.51	7		223		12		406		0.36		12		1.95	11.9				
7	Thu	4.6	7.72	7.27	7		247		12		430		0.52		19		11.3					
8	Fri	4.7	7.65	7.40	8		311		10		384		0.92		35		11.0					
9	Sat	6.0	7.65	7.42	9	7	430	262	13	12	657	436	1.02	0.58	52	23	10.5					
10	Sun	5.3	7.75	7.31	7		293		12		489		0.45		19		12.6					
11	Mon	4.3	7.73	7.50	6		216		12		405		0.62		21		12.1					
12	Tue	4.3	7.79	7.53	13		354		5		127		0.54		15		12.8					
13	Wed	4.7	7.76	7.56	9		336		8		302		0.86		32		1.51	13.1				
14	Thu	4.3	7.73	7.51	8		267		9		304		1.29		44		11.9					
15	Fri	5.0	7.65	7.48	7		291		4		164		0.77		32		11.6					
16	Sat	4.5	7.73	7.56	8	8	274	290	11	9	392	312	0.68	0.74	24	27	12.4					
17	Sun	4.7	7.82	7.60	6		230		4		151		0.61		23		12.4					
18	Mon	4.0	7.72	7.59	6		193		5		153		0.79		24		12.9					
19	Tue	4.3	7.78	7.66	10		331		14		456		0.50		17		12.8					
20	Wed	4.3	7.73	7.57	8		281		6		186		0.73		25		1.95	12.6				
21	Thu	4.8	7.68	7.55	13		481		11		413		0.67		25		13.0					
22	Fri	4.0	7.66	7.48	8		246		9		280		0.51		16		12.9					
23	Sat	3.9	7.71	7.61	10	9	307	296	6	8	181	260	0.53	0.62	16	21	12.6					
24	Sun	4.4	7.75	7.55	7		262		7		248		0.52		18		12.3					
25	Mon	4.7	7.68	7.56	8		294		1		38		0.54		20		12.3					
26	Tue	4.0	7.74	7.61	11		346		7		205		0.31		10		12.4					
27	Wed	5.8	7.76	7.49	7		317		11		521		0.42		20		1.76	12.6				
28	Thu	4.4	7.73	7.59	6		216		8		261		0.54		19		12.7					
29	Fri	3.7	7.72	7.58	6		177		6		174		0.61		18		11.9					
30	Sat	4.2	7.76	7.56	9	8	287	271	5	6	169	231	0.74	0.53	25	19	11.4					
31	Sun	4.5	7.73	7.56	9		342		1		37		0.43		16		11.5					
AVERAGE		4.5			8		276		9		311		0.62		22		1.79	12.1				
MAXIMUM		6.0	7.82		13	9	481	296	15	12	657	436	1.29	0.74	52	27	1.95	13.1				
MINIMUM		3.6		7.27	6		165		1		37		0.30		8		1.51	10.5				
# OF DATA		31	31	31	31		31		31		31		31		31		4	31				
TOTAL		139	239	233	241		8547		269		9647		19		684		7	376.3				

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jan-2016

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

Page 3 of 6

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	Fri					20	0	268	6	2	84	
2	Sat					21	0	268	6	2	81	
3	Sun					21	0	267	6	2	82	
4	Mon					21	0	267	6	2	82	
5	Tue					19	0	260	6	2	81	
6	Wed					22	0	257	6	2	81	
7	Thu			27	20	22	0	256	6	2	80	
8	Fri					26	0	254	6	2	81	
9	Sat					31	0	254	6	2	79	
10	Sun					24	0	255	6	2	80	
11	Mon					20	0	251	6	2	80	
12	Tue					24	0	247	6	2	80	
13	Wed					22	0	246	6	2	79	
14	Thu					21	0	244	6	2	78	
15	Fri			27	20	26	0	244	6	2	80	
16	Sat					23	0	244	6	2	70	
17	Sun					21	0	244	6	2	60	
18	Mon					21	0	243	6	2	80	
19	Tue					23	0	240	6	2	79	
20	Wed					22	0	237	6	2	79	
21	Thu					23	0	237	6	2	77	
22	Fri					21	0	235	6	2	78	
23	Sat					22	0	233	6	2	79	
24	Sun					22	0	234	6	2	78	
25	Mon			27		22	0	236	6	2	78	
26	Tue					27	0	235	6	2	77	
27	Wed					28	0	233	6	2	76	
28	Thu					22	0	233	6	2	77	
29	Fri					20	0	243	6	2	79	
30	Sat					21	0	258	6	2	79	
31	Sun					22	0	264	6	2	77	
AVERAGE				3	1	23		248	6	2	78	
MAXIMUM				27	20	31		268	6	2	84	
MINIMUM				27	20	19	0	233	6	2	60	
# OF DATA				3	2	31	31	31	31	31	31	
TOTAL				81	41	701		7687	186	69	2431	

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		

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jan-2016

LaPorte Wastewater Treatment Plant
2101 Boyd Boulevard, La Porte IN 46350
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	Fri								87				97	39				81	0.43		59	4.8	
2	Sat								87				97	35				70			60		
3	Sun								87				97	30				60	0.05		60		
4	Mon		2.86	77.3	6.44	3.37	59.7	6.94	86	1.67	61.7	6.86	97	21	4.01	63.0	6.92	16			77		18
5	Tue								86				97	16				28			77		
6	Wed								86				97	19				35			77		
7	Thu								85				97	14				26	0.25		77		
8	Fri								85				97	33				58			61	15.9	
9	Sat								85				97	30				57	0.12		48	15.0	
10	Sun								85				97	47				81	0.38		41	6.0	
11	Mon		3.41	68.3	6.94	1.93	63.0	7.08	85	1.55	61.7	6.93	97	38	4.03	63.0	6.92	28			63		21
12	Tue								85				97	20				45			64		
13	Wed								85				97	29				66			64		
14	Thu								86				97	17				67	1.02		64		
15	Fri								86				97	19				40			65		
16	Sat								85				97	12				39			64		
17	Sun								85				97	34				78			65		
18	Mon		1.96	71.4	6.67	1.83	62.3	6.99	85	2.01	58.9	6.85	97	21	3.91	61.5	6.91	16			84		20
19	Tue								85				97	20				27			85		
20	Wed								85				97	31				56			85		
21	Thu								85				97	30				58			84		
22	Fri								85				97	21				53			85		
23	Sat								85				97	21				54	1.91		84		
24	Sun								84				97	29				60	1.67		85		
25	Mon		2.78	75.7	6.55	3.32	59.0	6.98	84	1.68	58.8	6.84	97	38	3.80	60.8	6.94	16			112		27
26	Tue								84				97	24				36			112		
27	Wed								84				97	30				55			111		
28	Thu								84				97	21				45			109		
29	Fri								84				97	26				54			109		
30	Sat								84				97	21				48			111		
31	Sun								84				97	23				43			111		
AVERAGE			2.75	73.2	6.65	2.61	61.0	7.00	85	1.73	60.3	6.87	97	26	3.94	62.1	6.92	48	0.73		79	1.3	3
MAXIMUM			3.41	77.3	6.94	3.37	63.0	7.08	87	2.01	61.7	6.93	97	47	4.03	63.0	6.94	81	1.91		112	15.9	27
MINIMUM			1.96	68.3	6.44	1.83	59.0	6.94	84	1.55	58.8	6.84	97	12	3.80	60.8	6.91	16	0.05		41		
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	4	4	4	31	8	31	31	31	31
TOTAL			11	293	27	10	244	28	2643	7	241	27	3008	808	16	248	28	1495	6		2450	42	85

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jan-2016
 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 :	January 6, 2016	0.010	0.051	0.0012	0.008	0.056	0.00110	0.0011	0.002	0.001	0.027	< 0.001	0.003	0.037	0.00032	< 0.0002	< 0.002
2nd Date :	January 13, 2016		0.038								0.017						
3rd Date :	January 20, 2016	< 0.0001	0.037	0.0039	0.011	0.053	< 0.0001	0.0004	< 0.002	< 0.001	0.016	< 0.001	0.005	0.032	< 0.0001	< 0.0002	< 0.002
4th Date :	January 27, 2016		0.037								0.016						
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		0.005	0.041	0.0026	0.009	0.055	0.00058	0.0008	0.002	0.001	0.019	<0.0005	0.004	0.035	0.00019	<0.0001	<0.001
Maximum		0.010	0.051	0.0039	0.011	0.056	0.00110	0.0011	0.002	0.001	0.027	<0.001	0.005	0.037	0.00032	<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	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	4.5	4.3	9	8	296	276	12	9	436	311	0.74	0.62	27	22	10.5	7.82			
% of Limit	64%	61%	22%	31%	9%	13%	26%	29%	12%	12%	28%	34%	12%	15%	175%				
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: Jan-2016
 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 3,797

Overall Percent Removal of Volatile Solids 40.0%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 25643

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 438

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 54

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 714

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

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 :	37%	57%	-15%
Secondary Treatment :	78%	58%	29%
Adv. Sec. Treatment :	55%	60%	93%
Overall Treatment :	94%	93%	95%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	3.7	2.0	2.9
Secondary Settling Tank	2.7	1.5	2.1
Final Settling Tank	8.5	4.6	6.6
Chlorine Contact Tank	0.59	0.32	0.46
Total Plant Retention Time	15.0	8.1	11.6

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	758	412	532
Secondary Settling Tank	1000	544	703
Final Settling Tank	510	277	358

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	15	8	10
Secondary Settling Tank	12	7	8
Final Settling Tank	12	6	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:

1/11/2016 - Successful test of emergency power system

1/25/2016 - 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
-------	-----------------	--------------	---------------------------------

Facility:	La Porte Wastewater Treatment Facility	Public Notification Requirements Met? Y
-----------	---	--

Monitoring Period:	January 2016	Check box if no CSO discharge occurred for the month: 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					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	4.03	8.57																		
2	3.77	5.52			0.01	0.01	HR													
3	4.35	5.90																		
4	4.58	6.34																		
5	3.29	5.04																		
6	4.06	5.46	12:00 AM	0.0	0.02	0.01	HR													
7	4.48	6.01			0.01	0.01	HR													
8	4.60	9.06	10:49 AM	0.3	0.16	0.04	HR													
9	6.06	10.08	2:14 PM	0.4	0.27	0.08	HR													
10	5.10	10.07			0.01	0.01	HR													
11	4.05	5.90																		
12	3.39	5.50	10:49 AM	0.1	0.07	0.03	HR													
13	4.53	7.26																		
14	4.05	8.02																		
15	4.92	7.18	0:20 PM	0.3	0.20	0.14	HR													
16	4.27	7.06			0.01	0.01	HR													
17	4.52	6.80																		
18	3.68	6.88																		
19	4.05	6.88																		
20	4.06	6.44	10:27 AM	0.1	0.06	0.04	HR													
21	4.51	5.99																		
22	3.73	6.38																		
23	3.61	6.43																		
24	4.24	6.99																		
25	4.53	7.07	12:00 AM	0.1	0.05	0.02	HR													
26	3.77	5.25																		
27	5.68	7.15																		
28	4.18	6.80																		
29	3.48	6.28																		
30	4.04	5.90																		
31	4.46	6.90			0.01	0.01	HR													
Totals:	132.06			1.32	0.88					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:	January 2016	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	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
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