

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Sep-13
 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	Sun	4.2					0.00	7.67	55	72	13.40	7.60	37	66	13.75	7.29	7	26	7.35	5.0		1.9		0.61	6.5	0.53	
2	Mon	2.9		0.01			0.00	7.69	150	96	18.20	7.60	74	76	15.70	7.19	12	14	5.10	4.9		2.2		1.47	4.9	0.72	
3	Tue	2.9					0.00	7.77	145	86	18.60	7.60	83	52	17.10	7.28	15	15	6.22	4.8	60	2.4		1.44	4.9	0.68	90
4	Wed	2.9		0.01			0.00	7.60	225	300	18.50	7.48	84	116	18.60	7.17	16	16	7.68	4.8		2.4		1.46	4.8	0.65	
5	Thu	3.0					0.00	7.67	155	126	18.80	7.56	84	54	19.05	7.24	16	25	8.12	4.8		2.3		1.36	5.4	0.78	
6	Fri	4.1					0.00	7.84	108	92	13.30	7.66	66	54	13.20	7.23	21	22	6.47	4.9		2.0		0.68	6.4	0.56	
7	Sat	2.8	3.3	0.04			0.00	7.58	150	112	20.65	7.53	94	54	19.60	7.25	14	16	7.68	4.9		1.9		1.46	4.9	0.79	
8	Sun	2.8		0.01			0.00	7.58	160	114	19.80	7.50	102	62	20.30	7.23	17	19	9.47	4.9		1.9		1.45	4.9	0.75	
9	Mon	2.9					0.00	7.67	175	157	21.20	7.53	103	68	20.10	7.22	10	19	8.48	4.9		2.2		1.43	4.8	0.65	
10	Tue	3.7					0.00	7.67	135	114	17.20	7.58	81	54	15.10	7.29	14	22	7.20	4.8		2.4		0.95	6.4	0.73	
11	Wed	2.8		0.07			0.00	7.70	175	143	25.80	7.55	86	34	24.90	7.32	11	14	11.15	4.8		2.4	140	1.56	4.9	0.73	
12	Thu	2.9		0.01			0.00	7.62	84	288	22.30	7.55	84	76	22.10	7.30	11	20	10.50	4.8		2.4		1.45	5.0	0.70	
13	Fri	2.8					0.00	7.72	135	136	20.50	7.65	83	52	19.60	7.38	7	13	7.62	4.9		2.0		1.47	4.9	0.74	
14	Sat	3.8	3.1				0.00	7.82	77	108	13.95	7.66	66	52	14.70	7.44	8	21	7.15	4.9		1.8		0.78	5.8	0.52	
15	Sun	2.9		0.12			0.00	7.73	143	162	22.90	7.56	80	64	21.30	7.34	12	14	8.34	4.9		1.8		1.34	4.8	0.69	
16	Mon	2.7					0.00	7.64	135	161	23.10	7.51	93	82	20.90	7.25	13	19	8.18	4.8		2.2		1.59	4.9	0.81	
17	Tue	2.6		0.01			0.00	7.69	150	104	21.20	7.51	110	48	20.40	7.24	14	13	7.41	4.8		2.4		1.73	4.5	0.72	
18	Wed	4.2		0.32		0.9	0.00	7.77	76	103	14.30	7.58	54	44	15.20	7.18	14	19	7.44	4.9		2.4		0.76	5.3	0.27	
19	Thu	9.1		1.63		19.1	0.00	7.48	53	132	3.50	7.29	53	54	4.79	7.20	13	36	2.58	7.3		3.6		0.20	11.6	0.28	
20	Fri	9.1		0.01		2.0	0.00	7.47	33	34	6.88	7.35	37	37	7.32	7.09	9	23	3.35	7.6		3.9		0.26	10.3	0.13	
21	Sat	7.8	5.5				0.00	7.59	43	16	8.25	7.51	46	14	8.44	7.34	9	7	3.45	7.0		3.5		0.35	7.8	0.00	
22	Sun	4.4					0.00	7.61	65	56	12.90	7.52	58	34	12.85	7.26	11	18	5.70	4.8		1.8		0.49	6.7	0.52	
23	Mon	2.8		0.01			0.00	7.67	200	174	23.90	7.50	85	62	20.60	7.12	11	20	7.56	4.8		2.2		1.49	5.0	0.78	
24	Tue	2.7					0.00	7.63	125	116	21.50	7.56	89	70	18.40	7.22	15	18	6.13	4.7		2.4		1.63	4.8	0.77	
25	Wed	3.4					0.00	7.66	149	122	18.10	7.60	77	48	17.50	7.23	15	19	7.27	4.7		2.3		1.09	4.9	0.46	
26	Thu	2.9		0.01			0.00	7.66	130	100	19.10	7.49	105	72	19.15	7.23	29	32	8.16	4.7		2.3		1.42	5.3	0.83	
27	Fri	3.4					0.00	7.66	183	148	16.20	7.52	60	46	14.20	7.25	19	18	6.77	4.7		2.0		0.95	5.0	0.45	
28	Sat	2.6	3.2				0.00	7.58	180	146	21.95	7.50	111	56	21.10	7.29	14	21	8.62	4.7		1.8		1.55	4.8	0.88	
29	Sun	3.7		0.13			0.00	7.58	116	116	16.50	7.46	90	62	16.20	7.23	18	25	7.18	4.7		1.8		0.77	6.4	0.72	
30	Mon	2.7					0.00	7.70	140	134	22.70	7.50	117	70	21.20	7.18	18	22	7.74	4.7	40	2.2		1.56	4.8	0.78	60
AVERAGE		3.7		0.08		0.7	0.00	7.66	128	126	17.84	7.53	80	58	17.11	7.25	14	19	7.20	5.1	3	2.3	5	1.16	5.7	0.62	5
MAXIMUM		9.1	5.5	1.63		19.1	0.00	7.84	225	300	25.80	7.66	117	116	24.90	7.44	29	36	11.15	7.6	60	3.9	140	1.73	11.6	0.88	90
MINIMUM		2.6		0.00		0.0	0.00	7.47	33	16	3.50	7.29	37	14	4.79	7.09	7	7	2.58	4.7	40	1.8	140	0.20	4.5	0.00	60
# OF DATA		30		23		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	2	30	1		30		2
TOTAL		112		2.39		22	0	230	3850	3768	535	226	2393	1733	513	217	413	585	216	152	100	69	140		172		150

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 2 of 6

Date: Sep-13
 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	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	3.6	7.76	7.39	3		95		15		513		0.34		12		7.1		1.37	4	< 0.01
2	Mon	2.3	7.69	7.53	3		77		2		48		0.18		4		7.2		1.52	2	< 0.01
3	Tue	2.4	7.73	7.47	6		152		6		148		0.20		5		7.8		1.16	6	< 0.01
4	Wed	2.4	7.68	7.54	6		139		2		49		0.26		6		8.2		1.15	14	< 0.01
5	Thu	2.5	7.79	7.49	5		126		12		290		0.35		9		8.1		1.17	12	< 0.01
6	Fri	3.5	7.72	7.49	7		247		8		274		0.43		15		8.1		1.15	43	< 0.01
7	Sat	2.3	7.73	7.50	6	5	134	139	7	7	162	212	0.31	0.30	7	8	7.9		1.11	3	< 0.01
8	Sun	2.3	7.77	7.54	7		158		8		174		0.27		6		7.8		0.78	32	< 0.01
9	Mon	2.4	7.76	7.59	5		131		5		121		0.30		7		7.9		1.45	30	< 0.01
10	Tue	3.1	7.71	7.56	8		241		11		325		0.46		14		7.5		1.24	27	< 0.01
11	Wed	2.3	7.76	7.61	4		87		2		47		0.37		9		7.8		1.27	24	< 0.01
12	Thu	2.4	7.79	7.48	3		69		7		171		0.47		12		7.6		1.17	5	< 0.01
13	Fri	2.3	7.77	7.57	2		54		1		23		0.35		8		8.1		1.11	22	< 0.01
14	Sat	3.2	7.86	7.34	3	5	88	118	5	5	158	146	0.38	0.37	12	10	8.5		1.12	34	< 0.01
15	Sun	2.3	7.80	7.53	4		86		7		167		0.29		7		8.4		1.46	4	< 0.01
16	Mon	2.2	7.59	7.52	3		57		6		136		0.37		8		8.4		1.10	88	< 0.01
17	Tue	2.1	7.61	7.43	4		92		2		33		0.29		6		8.1		1.20	7	< 0.01
18	Wed	3.3	7.61	7.49	8		289		8		279		0.68		24		8.2		1.22	54	< 0.01
19	Thu	7.5	7.58	6.79	10		718		18		1360		0.96		73		7.9		1.22	167	< 0.01
20	Fri	7.6	7.23	6.88	5		350		10		760		0.31		24		8.3		1.21	28	< 0.01
21	Sat	6.5	7.63	7.23	4	5	247	263	2	8	130	409	0.29	0.46	19	23	8.7		1.23	56	< 0.01
22	Sun	3.7	7.61	7.34	4		148		4		148		0.17		6		8.4		1.15	13	< 0.01
23	Mon	2.2	7.55	7.39	4		95		11		255		0.22		5		8.3		1.23	9	< 0.01
24	Tue	2.1	7.61	7.48	3		72		4		79		0.18		4		8.3		1.30	7	< 0.01
25	Wed	2.7	7.74	7.45	5		150		6		169		0.26		7		8.5		1.20	15	< 0.01
26	Thu	2.3	7.69	7.53	7		160		8		182		0.27		7		8.3		1.15	15	< 0.01
27	Fri	2.8	7.74	7.51	7		198		1		29		0.35		10		8.3		1.35	20	< 0.01
28	Sat	2.0	7.75	7.42	6	5	118	134	5	5	107	139	0.58	0.29	12	7	8.1		1.07	37	< 0.01
29	Sun	3.0	7.62	7.49	7		213		10		309		0.29		9		8.3		1.13	71	< 0.01
30	Mon	2.1	7.52	7.34	6		139		8		179		0.19		4		8.2		1.26	16	< 0.01
AVERAGE		3.1			5		164		7		227		0.35		12		8.1		1.21	17	< 0.01
MAXIMUM		7.6	7.86		10	5	718	263	18	8	1360	409	0.96	0.46	73	23	8.7		1.52	167	< 0.01
MINIMUM		2.0		6.79	2		54		1		23		0.17		4		7.1		0.78	2	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		92	230	223	153		4929		198		6825		10		352		242.3		36.25	865	< 0.01

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Sep-13

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	Sun	90	60			22	0	270	6	2	80		
2	Mon	70	40		27	24	0	273	6	2	80		
3	Tue	80	60			24	0	275	6	2	80		
4	Wed	40	60			21	0	274	6	2	79		
5	Thu	60	50			21	0	274	6	2	81		
6	Fri	80	60	14		20	8	279	6	2	86		
7	Sat	60	50			22	0	271	6	2	79		
8	Sun	50	50			22	0	268	6	2	80		
9	Mon	50	50			23	0	264	6	2	79		
10	Tue	70	40			23	0	266	6	2	79		
11	Wed	50	60			23	0	262	6	2	78		
12	Thu	60	60			23	0	262	6	2	79		
13	Fri	60	40			20	0	263	6	2	79		
14	Sat	70	80			20	0	270	6	2	82		
15	Sun	80	50			20	0	266	6	2	79		
16	Mon	50	70			22	0	265	6	2	77		
17	Tue	80	20			24	0	263	6	2	78		
18	Wed	40	50		34	23	0	269	6	2	78		
19	Thu	170	130	27	34	35	0	269	6	2	82		
20	Fri	180	130			23	0	275	6	2	80		
21	Sat	150	110			24	0	281	6	2	81		
22	Sun	90	60			24	0	290	6	2	80		
23	Mon	50	40			21	0	285	6	2	79		
24	Tue	60	50			20	0	280	6	2	83		
25	Wed	40	50			21	0	279	6	2	80		
26	Thu	50	60		20	21	0	276	6	2	79		
27	Fri	70	50			20	0	278	6	2	79		
28	Sat	40	40			22	0	273	6	2	82		
29	Sun	80	70			22	0	277	6	2	78		
30	Mon	60	40			21	0	274	6	2	79		
AVERAGE		73	59	1	4	22	0	272	6	2	80		
MAXIMUM		180	130	27	34	35	8	290	6	2	86		
MINIMUM		40	20	14	20	20	0	262	6	2	77		
# OF DATA		30	30	2	4	30	30	30	30	30	30		
TOTAL		2180	1780	41	115	673	8	8170	180	68	2398		

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		

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Sep-13
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

Page 4 of 6
 Permit # IN0025577
 Expires 12-31-2014
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

		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								95				97	9				27	0.08		226			
2	Mon		2.62	73.5	6.47	2.98	54.8	7.12	95	1.49	56.5	7.02	97	22	4.16	55.4	7.08	0			250		24	
3	Tue								95				97	22				36			250			
4	Wed								95				97	31				57			250			
5	Thu								95				97	16				35			248			
6	Fri								95				97	17				34			247	0.0		
7	Sat								95				97	19				40			247			
8	Sun								95				97	20				39			247			
9	Mon		3.69	76.1	5.68	1.80	54.4	7.17	95	1.46	60.1	6.99	97	32	4.09	55.8	7.04	13			272		26	
10	Tue								95				97	7				0			272			
11	Wed								95				97	26				63			256	15.3		
12	Thu								95				97	12				27			256			
13	Fri								95				97	27				48			255			
14	Sat								95				97	8				19			254			
15	Sun								95				97	20				46			254			
16	Mon		2.91	68.3	6.43	3.07	56.0	7.10	95	1.77	59.9	6.95	97	26	4.13	56.9	7.06	1			287		33	
17	Tue								95				97	8				0			287			
18	Wed								95				97	14				25			289			
19	Thu								95				97	39				75			294			
20	Fri								95				97	12				26			293			
21	Sat								95				97	20				44			287	5.6		
22	Sun								95				97	19				38			285	1.6		
23	Mon		4.49	68.9	6.50	1.90	52.3	7.05	95	2.18	56.7	6.98	97	28	3.81	55.7	7.04	19			303	8.3	27	
24	Tue								95				97	9				7			303			
25	Wed								95				97	15				37			302			
26	Thu								94				96	24				52			301			
27	Fri								94				96	11				29			301	0.0		
28	Sat								94				96	21				40	0.15		300			
29	Sun								94				96	15				26			301			
30	Mon		3.10	74.2	6.41	3.05	56.2	6.97	94	1.75	60.3	6.93	96	33	3.86	53.8	6.98	15			338		37	
AVERAGE			3.36	72.2	6.30	2.56	54.7	7.08	95	1.73	58.7	6.97	97	19	4.01	55.5	7.04	31	0.12		275	1.0	5	
MAXIMUM			4.49	76.1	6.50	3.07	56.2	7.17	95	2.18	60.3	7.02	97	39	4.16	56.9	7.08	75	0.15		338	15.3	37	
MINIMUM			2.62	68.3	5.68	1.80	52.3	6.97	94	1.46	56.5	6.93	96	7	3.81	53.8	6.98	0	0.08		226			
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	2	30	30	30	30	
TOTAL			17	361	31	13	274	35	2850	9	294	35	2897	583	20	278	35	920	0		8253	31	147	

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 5 of 6

Date: Sep-13

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

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 :	September 4th	0.099	0.170	0.046	0.070	0.380		<0.005	0.022	<0.005	0.006	0.029			
2nd Date :	September 18th	0.007	0.050	<0.005	0.008	0.062	<0.005	<0.005	0.024	<0.005	<0.005	0.026	<0.005		
3rd Date :															
4th Date :															
5th Date :															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.053	0.110	0.024	0.039	0.221	<0.003	<0.003	0.023	<0.003	0.004	0.028	<0.003		
Maximum		0.099	0.170	0.046	0.070	0.380	<0.005	<0.005	0.024	<0.005	0.006	0.029	<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	5.5	3.7	5	5	263	164	8	7	409	227	0.46	0.35	23	12	7.1	7.86	< 0.01	167	17
% of Limit	78%	53%	17%	25%	10%	10%	21%	27%	14%	11%	19%	22%	11%	9%	118%				
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: Sep-13
 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 4,538

Overall Percent Removal of Volatile Solids 51.9%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 23,417

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 480

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 53

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 743

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 28

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

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

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	38%	54%	4%
Secondary Treatment :	83%	66%	58%
Adv. Sec. Treatment :	63%	66%	95%
Overall Treatment :	96%	95%	98%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.7	1.3	3.3
Secondary Settling Tank	3.5	1.0	2.4
Final Settling Tank	10.9	3.1	7.6
Chlorine Contact Tank	0.75	0.21	0.52
Total Plant Retention Time	19.1	5.4	13.2

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1139	322	465
Secondary Settling Tank	1504	425	614
Final Settling Tank	767	217	313

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	22	6	9
Secondary Settling Tank	18	5	7
Final Settling Tank	17	5	7

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:

9/9/2013 - Successful test of emergency power system
 9/24/2013 - 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	1	Permit Number:	IN0025577
-------	----------	------------	---	----------------	-----------

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

Monitoring Period:	September 2013	Check box if no CSO discharge occurred for the month:	X
--------------------	----------------	---	----------

Design Peak Inf. Flow (MGD)	9.7	Design Average Flow (M)	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	4.24	5.16				0.00	HR													
2	2.87	3.66			0.01	0.00	HR													
3	2.95	3.45				0.00	HR													
4	2.92	4.28			0.01	0.00	HR													
5	3.03	5.13				0.00	HR													
6	4.11	5.11				0.00	HR													
7	2.77	3.44	6PM	1	0.04	0.04	HR													
8	2.79	3.61			0.01	0.00	HR													
9	2.90	3.41				0.00	HR													
10	3.71	5.05				0.00	HR													
11	2.83	3.44	5PM	1	0.07	0.07	HR													
12	2.94	4.00			0.01	0.00	HR													
13	2.79	4.12				0.00	HR													
14	3.78	5.04				0.00	HR													
15	2.86	4.18	6PM	4	0.12	0.12	HR													
16	2.71	3.31				0.00	HR													
17	2.64	3.59			0.01	0.00	HR													
18	4.18	9.20	9PM	4	0.32	0.26	HR													
19	9.06	10.13	4AM	9	1.63	1.63	HR													
20	9.11	10.13			0.01	0.00	HR													
21	7.80	9.37				0.00	HR													
22	4.43	5.15				0.00	HR													
23	2.78	4.86			0.01	0.00	HR													
24	2.70	3.28				0.00	HR													
25	3.38	4.53				0.00	HR													
26	2.91	4.93			0.01	0.00	HR													
27	3.44	4.87				0.00	HR													
28	2.57	3.32				0.00	HR													
29	3.70	5.95	4AM	3	0.13	0.12	HR													
30	2.68	3.22				0.00	HR													
31																				
Totals:	111.59			22.00	2.39							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
	10/28/2013