

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jul-12
 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 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	Sun	4.1		0.24		1.1	0.00	7.67	102	124	12.27	7.51	70	64	13.00	7.27	14	26	7.47	5.1		2.4		0.83	4.9	0.22	
2	Mon	2.7					0.00	7.63	145	100	21.75	7.48	112	60	25.95	7.28	18	17	12.89	4.6		2.4		1.58	3.3	0.23	
3	Tue	2.9					0.00	7.69	125	90	19.07	7.53	104	62	20.80	7.24	9	15	9.64	4.6		2.4		1.38	3.6	0.24	
4	Wed	2.8					0.00	7.65	123	118	20.73	7.42	88	54	16.54	7.24	11	21	7.62	4.6		2.3		1.42	3.5	0.23	
5	Thu	2.5					0.00	7.62	145	114	24.60	7.48	89	46	22.98	7.23	17	18	11.06	4.7		2.0		1.59	3.2	0.25	
6	Fri	3.2					0.00	7.58	130	102	19.20	7.46	95	48	19.88	7.27	16	15	10.19	4.8		1.8		1.04	3.9	0.22	
7	Sat	2.6	3.0				0.00	7.59	183	100	22.48	7.48	117	52	22.28	7.37	13	15	10.56	4.8		1.8		1.55	3.2	0.25	
8	Sun	3.1					0.00	7.69	133	82	17.52	7.56	108	58	20.22	7.54	19	21	9.25	4.7		2.1		1.24	3.8	0.23	
9	Mon	2.7					0.00	7.79	225	196	49.06	7.49	124	80	26.80	7.36	32	16	15.87	4.7		2.4		1.61	3.4	0.27	
10	Tue	2.6					0.00	7.60	175	124	34.15	7.43	113	62	27.46	7.28	17	20	12.09	4.7		2.4		1.76	4.5	0.77	
11	Wed	3.0					0.00	7.66	145	191	20.36	7.48	118	84	22.51	7.31	17	47	11.77	4.7		2.3		1.32	7.0	1.33	
12	Thu	2.6					0.00	7.64	150	204	23.72	7.48	104	62	25.19	7.28	18	16	13.90	4.7	60	1.9		1.54	9.6	2.65	
13	Fri	2.9					0.00	7.83	160	218	19.28	7.47	130	76	21.46	7.33	22	28	14.53	4.8		1.8		1.27	9.6	2.28	
14	Sat	4.2	3.0	0.36		2.6	0.00	7.53	118	156	14.65	7.42	95	92	15.25	7.32	30	47	55.83	5.3		2.2		0.81	10.4	1.49	
15	Sun	2.9					0.00	7.65	138	104	18.36	7.49	93	60	19.37	7.25	32	23	10.70	4.7		2.2		1.36	9.3	2.18	
16	Mon	2.5					0.00	7.72	140	132	23.71	7.59	103	66	22.81	7.30	13	15	12.47	4.7		2.4		1.79	9.3	2.64	
17	Tue	3.8				1.9	0.00	7.78	110	132	18.82	7.63	84	72	17.45	7.30	25	23	10.97	5.0		2.5		1.01	9.8	1.61	
18	Wed	3.0		1.23		0.2	0.00	7.73	104	144	18.17	7.56	65	66	17.42	7.29	18	29	10.54	4.7		2.4		1.39	9.2	2.13	
19	Thu	9.6		1.47		14.9	0.00	7.49	38	74	4.00	7.41	24	62	7.44	7.23	10	31	5.99	7.5		3.8		0.18	13.8	0.43	
20	Fri	8.6		0.01			0.00	7.69	33	64	5.23	7.53	28	59	5.98	7.24	9	28	3.41	7.5		3.9		0.32	13.7	0.59	
21	Sat	8.4	5.5				0.00	8.53	35	66	6.38	7.80	23	40	6.65	7.17	6	24	4.29	7.5		3.9		0.35	13.7	0.63	
22	Sun	5.4					0.00	8.09	57	68	7.13	7.76	37	62	8.11	7.19	13	30	4.13	5.5		2.8		0.54	10.6	0.97	
23	Mon	3.8		0.01			0.00	7.69	90	60	17.81	7.55	52	36	17.16	7.20	13	13	8.18	4.6		2.3		0.82	9.2	1.42	
24	Tue	4.7		0.45		3.3	0.00	7.74	102	232	9.79	7.48	55	72	11.22	7.19	17	27	5.82	5.3		2.6		0.68	10.1	1.15	
25	Wed	4.2		0.08			0.00	7.74	74	82	11.83	7.61	40	60	12.54	7.22	11	26	6.37	4.7	45	2.4	240	0.68	8.0	0.90	
26	Thu	4.0		0.88		3.5	0.00	7.81	72	184	10.93	7.61	44	62	11.29	7.25	14	23	6.35	5.4		2.4		0.93	8.0	0.99	
27	Fri	7.1		0.02		2.7	0.00	7.93	40	64	8.26	7.65	46	45	8.86	7.19	12	26	3.82	6.7		3.2		0.39	9.4	0.33	
28	Sat	4.1	4.8				0.00	8.11	62	86	13.95	7.68	55	64	14.96	7.35	10	26	8.22	4.9		1.9		0.67	7.4	0.82	
29	Sun	2.8					0.00	7.70	105	94	17.17	7.54	68	52	14.69	7.22	12	17	5.43	4.8		2.2		1.50	7.1	1.51	
30	Mon	2.3					0.00	7.63	130	93	19.71	7.48	77	48	16.95	7.23	14	11	7.30	4.8		2.4		2.20	7.1	2.12	
31	Tue	4.2		0.28		1.0	0.00	8.31	111	200	12.17	7.78	63	60	11.38	7.28	14	20	4.00	5.1		2.5		0.82	7.4	0.78	
AVERAGE		4.0		0.16		1.0	0.00	7.76	113	123	17.49	7.54	78	61	16.92	7.27	16	23	10.34	5.2	3	2.4	8	1.12	7.7	1.03	
MAXIMUM		9.6	5.5	1.47		14.9	0.00	8.53	225	232	49.06	7.80	130	92	27.46	7.54	32	47	55.83	7.5	60	3.9	240	2.20	13.8	2.65	
MINIMUM		2.3		0.01		0.0	0.00	7.49	33	60	4.00	7.41	23	36	5.98	7.17	6	11	3.41	4.6	45	1.8	240	0.18	3.2	0.22	
# OF DATA		31		11		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	2	31	1		31		
TOTAL		123		5.03		31	0	240	3498	3798	542	234	2419	1886	525	225	491	713	321	160	105	76	240		237		

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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	Sun	3.9	7.72	7.35	8		254		15		491		1.67		57		6.9		0.71	1	< 0.01
2	Mon	2.7	7.88	7.74	9		210		11		249		1.24		28		7.1		0.63	90	< 0.01
3	Tue	2.9	8.00	7.82	7		164		4		98		2.28		56		7.0		0.74	98	< 0.01
4	Wed	2.8	7.95	7.81	6		140		11		261		1.12		27		7.1		0.99	271	< 0.01
5	Thu	2.5	7.88	7.69	9		191		6		128		1.68		36		7.1		1.05	156	< 0.01
6	Fri	3.2	7.90	7.71	10		276		11		295		2.52		67		7.2		1.51	83	< 0.01
7	Sat	2.5	7.95	7.76	8	8	170	201	13	10	266	255	2.38	1.84	51	46	7.1		1.36	141	< 0.01
8	Sun	3.1	7.81	7.58	12		299		17		421		2.72		69		7.1		1.20	137	< 0.01
9	Mon	2.9	7.77	7.61	9		195		14		314		2.72		61		7.4		1.53	162	< 0.01
10	Tue	2.7	7.95	7.50	13		283		13		266		9.10		194		7.1		1.12	61	< 0.01
11	Wed	2.9	7.65	7.40	8		209		31		780		2.65		67		7.1		1.08	36	< 0.01
12	Thu	2.6	7.90	7.46	12		256		12		263		2.70		59		7.0		1.35	49	< 0.01
13	Fri	2.8	7.87	7.75	11		267		17		413		2.14		52		7.2		1.30	52	< 0.01
14	Sat	4.0	7.96	7.41	23	12	792	329	37	20	1290	535	3.31	3.62	115	88	6.9		1.29	88	< 0.01
15	Sun	2.9	7.73	7.48	18		436		23		561		1.89		46		6.8		1.09	208	< 0.01
16	Mon	2.5	7.97	7.76	11		227		17		360		3.07		65		6.8		1.04	72	< 0.01
17	Tue	3.5	7.97	7.83	13		398		22		674		3.13		98		6.8		1.68	134	< 0.01
18	Wed	2.9	7.99	7.75	10		239		25		616		1.97		49		6.4		1.51	158	< 0.01
19	Thu	26.4	7.87	7.22	9		697		34		2685		2.18		175		7.1		0.80	210	< 0.01
20	Fri	61.5	7.70	7.44	13		937		29		2090		1.90		137		7.5		0.90	62	< 0.01
21	Sat	57.6	7.72	7.26	9	12	608	506	20	24	1398	1197	2.34	2.35	164	105	7.3		0.80	12	< 0.01
22	Sun	39.2	7.71	7.36	9		386		26		1167		1.63		73		7.0		1.30	57	< 0.01
23	Mon	31.5	7.92	7.48	7		233		9		287		5.58		178		7.0		1.40	13	< 0.01
24	Tue	5.2	7.90	7.61	9		353		23		903		4.23		166		7.1		0.87	36	< 0.01
25	Wed	4.8	7.76	7.57	8		282		21		740		3.42		121		6.9		1.29	35	< 0.01
26	Thu	4.6	7.83	7.70	8		253		15		506		2.72		92		6.9		0.93	77	< 0.01
27	Fri	7.3	7.65	7.47	9		548		20		1178		2.17		128		7.1		1.37	40	< 0.01
28	Sat	4.7	7.77	7.53	7	8	247	329	19	19	644	775	4.49	3.46	152	130	7.0		1.63	21	< 0.01
29	Sun	3.4	7.62	7.48	7		160		16		366		1.69		40		6.8		1.31	83	< 0.01
30	Mon	3.0	7.71	7.43	7		123		8		151		2.07		39		7.1		0.59	83	< 0.01
31	Tue	4.4	7.66	7.53	8		272		16		540		1.63		57		7.1		2.09	36	< 0.01
AVERAGE		9.9			10		326		18		658		2.72		88		7.0		1.18	62	< 0.01
MAXIMUM		61.5	8.00		23	12	937	506	37	24	2685	1197	9.10	3.62	194	130	7.5		2.09	271	< 0.01
MINIMUM		2.5		7.22	6		123		4		98		1.12		27		6.4		0.59	1	< 0.01
# OF DATA		31	31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		307	243	234	304		10106		551		20398		84		2716		218.0		36.46	2762	< 0.01

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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	Sun	370	80			34	0	264	6	2	84		
2	Mon	230	60	41		26	0	271	6	2	85		
3	Tue	190	40			29	0	275	6	2	85		
4	Wed	230	60			33	0	273	6	2	86		
5	Thu	220	40			31	0	266	6	2	84		
6	Fri	330	60			27	0	260	6	2	84		
7	Sat	240	60			26	0	255	6	2	85		
8	Sun	310	70			30	0	254	6	2	83		
9	Mon	260	70			23	0	257	6	2	85		
10	Tue	240	60	20	20	44	10	273	6	2	84		
11	Wed	260	60			37	0	275	6	2	84		
12	Thu	300	20			26	0	270	6	2	85		
13	Fri	350	60			35	0	264	6	2	83		
14	Sat	390	100			38	0	255	6	2	84		
15	Sun	420	70			35	0	279	6	2	94		
16	Mon	140	50		34	36	3	263	6	2	84		
17	Tue	340	100			40	0	270	6	2	85		
18	Wed	360	100			35	0	261	6	2	85		
19	Thu	620	120	27		37	0	284	6	2	92		
20	Fri	560	160			26	0	306	6	2	86		
21	Sat	600	150			35	0	303	6	2	90		
22	Sun	620	120			36	0	302	6	2	104		
23	Mon	160	90	27	34	36	0	299	6	2	99		
24	Tue	270	140			47	0	290	6	2	120		
25	Wed	250	100			43	0	283	6	2	91		
26	Thu	140	130			41	0	281	6	2	135		
27	Fri	380	190	27	20	32	0	291	6	2	93		
28	Sat	380	110			28	0	293	6	2	89		
29	Sun	280	80			29	0	283	6	2	89		
30	Mon	240	70			24	0	259	6	2	87		
31	Tue	360	120			34	0	295	6	2	94		
AVERAGE		324	88	5	3	33	0	276	6	2	90		
MAXIMUM		620	190	41	34	47	10	306	6	2	135		
MINIMUM		140	20	20	20	23	0	254	6	2	83		
# OF DATA		31	31	5	4	31	31	31	31	31	31		
TOTAL		10040	2740	142	108	1033	13	8553	186	70	2797		

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	Sun								96					17				59	0.14		196		
2	Mon		3.15	76.0	6.51	2.21	66.0	6.93	96	2.19	63.8	7.08	96	37	4.18	58.9	7.10	21			242		46
3	Tue								96				96	6				0			241		
4	Wed								96				96	6				0			241		
5	Thu								96				96	16				48			239		
6	Fri								96				96	14				54			239	0.0	
7	Sat								96				96	13				49			238		
8	Sun								96				96	16				57			237		
9	Mon		3.85	77.5	5.81	1.97	60.0	6.94	96	1.69	61.0	7.09	96	39	4.01	59.1	7.14	19			285		49
10	Tue								96				96	19				15			285		
11	Wed								96				96	42				99	0.12		283		
12	Thu								96				96	17				59			271	10.7	
13	Fri								96				96	21				69			271		
14	Sat								96				96	25				75	0.14		271		
15	Sun								96				96	26				75	0.11		271		
16	Mon		3.27	68.8	6.55	1.73	60.9	6.86	96	1.60	61.6	7.06	96	41	3.94	58.1	7.18	20			315		44
17	Tue								96				96	23				36			316		
18	Wed								94				94	29				85			321		
19	Thu								96				96	48				119			325	0.0	
20	Fri								96				96	12				35			306	17.5	
21	Sat								96				96	16				51			306		
22	Sun								96				96	19				65			306		
23	Mon		1.75	73.3	6.77	1.95	50.7	6.83	96	1.78	61.1	7.01	96	19				64			281	23.8	
24	Tue								96				96	25				82			282		
25	Wed								96				96	43				30			327		45
26	Thu								96				96	9				0			330		
27	Fri								96				96	25				69			310	18.3	
28	Sat								96				96	9				34	0.09		307	1.9	
29	Sun								96				96	15				43			306		
30	Mon		1.36	74.6	6.10	1.80	52.2	6.92	96	2.25	62.0	7.05	96	35	4.08	58.2	7.08	20			348		41
31	Tue								96				96	7				0			347		
AVERAGE			2.68	74.0	6.35	1.93	58.0	6.90	96	1.90	61.9	7.06	96	22	4.05	58.6	7.13	47	0.12		285	2.3	7
MAXIMUM			3.85	77.5	6.77	2.21	66.0	6.94	96	2.25	63.8	7.09	96	48	4.18	59.1	7.18	119	0.14		348	23.8	49
MINIMUM			1.36	68.8	5.81	1.73	50.7	6.83	94	1.60	61.0	7.01	94	6	3.94	58.1	7.08	0	0.09		196		
# OF DATA			5	5	5	5	5	5	31	5	5	5	31	31	4	4	4	31	5	31	31	31	31
TOTAL			13	370	32	10	290	34	2973	10	310	35	2978	688	16	234	29	1455	1		8844	72	226

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Date: Jul-12

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 Rake Room							
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 :	July 10, 2012	0.006	0.066	< 0.005	0.007	0.072	< 0.005	< 0.005	0.031	< 0.005	0.006	0.021	< 0.005		
2nd Date :	July 11, 2012	< 0.005	0.075	< 0.005	0.016	0.094	< 0.005	< 0.005	0.030	< 0.005	0.005	0.023	< 0.005		
3rd Date :	July 14th, 2012	0.007	0.065	< 0.005	0.007	0.072	< 0.005	< 0.005	0.042	< 0.005	< 0.005	0.032	0.170		
4th Date :	July 23rd, 2012							< 0.005	0.024	< 0.005	< 0.005	0.017	< 0.005		
5th Date :	July 25th, 2012	< 0.005	0.046	< 0.005	0.006	0.039	< 0.005	< 0.005	0.019	< 0.005	< 0.005	0.018	< 0.005		
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.005	0.063	<0.003	0.009	0.069	<0.003	<0.003	0.029	<0.003	0.004	0.022	0.036		
Maximum		0.007	0.075	<0.005	0.016	0.094	<0.005	<0.005	0.042	<0.005	0.006	0.032	0.170		

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	2	1	0	0	0	0	0	0	0
Max	5.5	4.0	12	10	506	326	24	18	1197	658	3.62	2.72	130	88	6.4	8.00	< 0.01	271	62
% of Limit	79%	57%	42%	49%	20%	20%	67%	74%	40%	33%	151%	170%	65%	65%	107%				
Total				0		0		0		0		3		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: Jul-12
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

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 Permit # IN0025577
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Total lbs Volatile Solids to Digester 5,505

Overall Percent Removal of Volatile Solids 50.4%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 22,014

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 489

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 56

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 994

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 29

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 :	31%	50%	3%
Secondary Treatment :	80%	62%	39%
Adv. Sec. Treatment :	38%	23%	74%
Overall Treatment :	91%	85%	84%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	5.4	1.3	3.1
Secondary Settling Tank	4.0	0.9	2.3
Final Settling Tank	12.4	2.9	7.1
Chlorine Contact Tank	0.85	0.20	0.49
Total Plant Retention Time	21.7	5.1	12.4

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1201	284	497
Secondary Settling Tank	1586	375	656
Final Settling Tank	808	191	335

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	23	6	10
Secondary Settling Tank	19	4	8
Final Settling Tank	18	4	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:

See attached letter discussing ammonia exceedances for July 2012

8/4/2012 - Effluent ammonia weekly average limitation at compliance level(2.4 mg/l)
 8/1 - 8/16 - Average ammonia concentration for period below monthly average limitation(1.6 mg/l)

7/3/2012 - Successful test of emergency generator
 7/16/2012 - Successful test of emergency generator
 7/30/2012 - Successful test of emergency generator

Effluent cyanide result for July 14, 2012 is a Total cyanide result, not Free cyanide result. Laboratory was unable to reconcile the result with the absence of a comparable Influent cyanide detection. Additional testing showed no detectable cyanide presence and it is therefore likely that this result is due to a laboratory anomaly.

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, 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 DISCHARGE MONITORING REPORT (CSO DMR)**

STATE FORM 50546 (9-01)

City: La Porte	Page:	1 of	1
Facility: La Porte Wastewater Treatment Facility	Permit Number:	IN0025577	
Monitoring Period: (MM/DD/YY to MM/DD/YY)	07/01/2012	07/31/2012	Check box if no CSO discharge occurred for the month: <input type="checkbox"/>

Design Peak Inf. Flow(MGD)					Measured/Metered (M) or Estimated (E) must be specified.(Please attach methods used.)																				
9.7					CSO Outfall No. 002							CSO Outfall No.							CSO Outfall No.						
Day of Month	Day of Week	Precip. in Inches	Avg Infl. Flow Rate (MGD)	Peak Infl. Flow Rate (MGD)	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	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E			
1	Sun	0.24	4.06	9.86	0:00		0.0	M																	
2	Mon		2.71	4.18	0:00		0.0	M																	
3	Tue		2.93	5.42	0:00		0.0	M																	
4	Wed		2.85	5.37	0:00		0.0	M																	
5	Thu		2.55	3.04	0:00		0.0	M																	
6	Fri		3.21	4.86	0:00		0.0	M																	
7	Sat		2.56	3.33	0:00		0.0	M																	
8	Sun		3.06	5.19	0:00		0.0	M																	
9	Mon		2.69	3.27	0:00		0.0	M																	
10	Tue		2.55	3.10	0:00		0.0	M																	
11	Wed		3.02	4.28	0:00		0.0	M																	
12	Thu		2.63	3.09	0:00		0.0	M																	
13	Fri		2.91	5.06	0:00		0.0	M																	
14	Sat	0.36	4.18	10.03	0:00		0.0	M																	
15	Sun		2.92	4.89	0:00		0.0	M																	
16	Mon		2.54	3.14	0:00		0.0	M																	
17	Tue		3.76	9.89	0:00		0.0	M																	
18	Wed	1.23	2.95	5.57	0:00		0.0	M																	
19	Thu	1.47	9.61	10.08	0:00		0.0	M																	
20	Fri	0.01	8.64	9.35	0:00		0.0	M																	
21	Sat		8.38	9.46	0:00		0.0	M																	
22	Sun		5.38	8.51	0:00		0.0	M																	
23	Mon	0.01	3.82	4.65	0:00		0.0	M																	
24	Tue	0.45	4.71	9.97	0:00		0.0	M																	
25	Wed	0.08	4.23	5.91	0:00		0.0	M																	
26	Thu	0.88	4.04	9.96	0:00		0.0	M																	
27	Fri	0.02	7.06	10.14	0:00		0.0	M																	
28	Sat		4.06	4.93	0:00		0.0	M																	
29	Sun		2.83	4.31	0:00		0.0	M																	
30	Mon		2.27	2.63	0:00		0.0	M																	
31	Tue	0.28	4.18	9.86	0:00		0.0	M																	
Totals:		5.03	n/a	n/a	n/a		1.0		0.00																

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
	05/24/2013