

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Jun-14  
 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 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	4.4		0.01			0.00	7.48	68	114	12.00	7.39	62	80	12.75	7.37	13	37	6.86	4.6				0.43	6.4	0.43	
2	Mon	6.8		0.06		10.2	0.00	7.84	78	175	8.68	7.35	91	172	14.10	7.48	22	83	13.40	5.8	80	2.7		0.25	7.8	0.15	120
3	Tue	5.8				0.4	0.00	7.66	300	134	32.80	7.47	200	90	29.10	7.41	33	55	15.50	5.4				0.47	8.1	0.41	
4	Wed	7.6		0.85		12.7	0.00	7.45	52	118	7.97	7.37	78	192	14.20	7.34	15	58	12.00	6.1				0.30	8.9	0.18	
5	Thu	9.3				6.8	0.00	7.48	30	48	8.01	7.33	63	106	12.35	7.20	24	57	11.20	7.1				0.17	9.0	-0.03	
6	Fri	6.4					0.00	7.48	340	48	21.90	7.39	190	63	17.20	7.34	36	34	9.69	5.3				0.42	8.8	0.38	
7	Sat	4.3	6.4				0.00	7.47	82	84	13.05	7.43	69	66	14.10	7.40	15	32		4.7				0.98	6.0	0.40	
8	Sun	7.0		0.45		6.3	0.00	7.68	55	62	7.26	7.47	56	194	11.10	7.40	13	44	8.92	6.1				0.40	8.8	0.26	
9	Mon	5.3					0.00	7.53	95	145	11.10	7.38	130	88	13.70	7.28	19	48	8.63	4.8				0.63	8.3	0.58	
10	Tue	5.2		0.35		2.5	0.00	7.46	103	135	13.90	7.41	155	108	16.70	7.36	31	39	11.90	5.0				0.69	7.3	0.41	
11	Wed	9.7		0.59		21.5	0.00	7.33	37	111	3.77	7.30	46	144	6.00	7.17	15	59	7.73	7.3				0.13	9.3	-0.04	
12	Thu	9.7				18.9	0.00	7.45	39	58	6.34	7.33	84	112	9.63	7.22	21	43	7.37	7.4				0.15	8.7	-0.10	
13	Fri	7.2				0.9	0.00	7.60	68	120	7.26	7.49	112	85	12.40	7.42	21	59	9.43	6.8				0.47	8.5	0.18	
14	Sat	5.6	7.1				0.00	7.53	73	100	8.83	7.39	61	72	9.54	7.30	11	39	7.82	5.0				0.58	8.1	0.45	
15	Sun	4.9					0.00	7.52	80	66	11.10	7.44	58	64	11.60	7.42	13	31	7.57	5.0				0.78	6.5	0.32	
16	Mon	4.5					0.00	7.48	300	112	26.70	7.45	195	80	22.10	7.36	38	46	16.05	4.7				0.67	6.0	0.34	
17	Tue	4.3					0.00	7.51	80	74	13.50	7.45	160	90	22.90	7.46	30	38	14.60	4.6				0.68	5.9	0.39	
18	Wed	7.0		0.54		6.7	0.00	7.52	73	149	7.66	7.39	100	130	13.60	7.33	21	51	11.40	5.8				0.23	8.6	0.23	
19	Thu	7.1		0.32		5.5	0.00	7.52	62	112	9.31	7.45	55	78	9.28	7.23	12	37	8.10	5.8				0.22	7.9	0.12	
20	Fri	7.8		0.33		10.6	0.00	7.37	45	58	6.88	7.32	45	79	7.63	7.27	11	39	6.80	6.3				0.27	8.0	0.02	
21	Sat	5.9	5.9	0.42		3.4	0.00	7.44	57	98	9.50	7.33	48	70	10.70	7.40	12	27	9.13	5.2				0.53	7.8	0.32	
22	Sun	7.6		0.01		1.9	0.00	7.41	38	68	7.00	7.33	47	86	8.19	7.27	7	40	6.17	6.5				0.23	7.9	0.05	
23	Mon	8.0		0.60		13.7	0.00	7.40	39	82	7.40	7.33	47	138	10.80	7.21	11	49	9.36	6.0				0.15	9.5	0.18	
24	Tue	9.8		1.58		19.8	0.00	7.39	28	36	6.29	7.24	67	140	8.10	7.05	29	56	6.81	6.7				0.08	12.7	0.30	
25	Wed	9.9				23.9	0.00	7.25	72	28	5.61	7.21	38	108	6.73	7.16	11	39	5.29	6.7		140		0.08	12.9	0.31	
26	Thu	9.8				23.2	0.00	7.34	35	48	6.57	7.25	45	80	8.07	7.15	13	41	5.84	6.8				0.09	12.9	0.32	
27	Fri	9.0				17.3	0.00	7.29	59	66	7.85	7.20	50	71	8.77	7.16	16	33	6.02	6.9				0.14	11.3	0.26	
28	Sat	6.3	8.6				0.00	7.39	72	80	10.05	7.36	73	80	11.10	7.35	11	36	7.17	6.1				0.41	7.8	0.25	
29	Sun	6.3		0.01		0.6	0.00	7.39	125	130	13.30	7.35	100	72	13.75	7.38	14	36	8.30	5.9				0.49	8.2	0.31	
30	Mon	6.9		0.68		3.7	0.00	7.41	98	113	11.70	7.35	97	92	13.50	7.34	15	36	8.61	6.9				0.57	8.6	0.26	
AVERAGE		7.0		0.23		7.0	0.00	7.47	89	92	10.78	7.36	87	101	12.66	7.31	18	44	9.23	5.9	3			0.39	8.6	0.25	4
MAXIMUM		9.9	8.6	1.58		23.9	0.00	7.84	340	175	32.80	7.49	200	194	29.10	7.48	38	83	16.05	7.4	80			0.98	12.9	0.58	120
MINIMUM		4.3		0.00		0.0	0.00	7.25	28	28	3.77	7.20	38	63	6.00	7.05	7	27	5.29	4.6	80			0.08	5.9	-0.10	120
# OF DATA		30		30		30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	1				30		1
TOTAL		209		6.80		210	0	224	2683	2772	323	221	2621	3030	380	219	550	1322	268	177	80				257		120

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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	3.8	7.50	7.23	3		115		17		631		0.08		3		8.6		1.22	4	< 0.01
2	Mon	5.7	7.65	7.20	6		341		30		1705		3.00		170		8.2		0.98	4	< 0.01
3	Tue	5.0	7.61	7.33	12		577		22		1033		3.02		145		7.4		1.37	30	< 0.01
4	Wed	6.4	7.61	6.35	7		467		25		1577		1.66		105		7.8		1.35	454	< 0.01
5	Thu	7.5	7.26	7.11	10		744		25		1898		2.11		163		8.1		1.25	51	< 0.01
6	Fri	5.4	7.55	7.15	13		711		12		641		2.88		154		8.1		1.16	28	< 0.01
7	Sat	3.7	7.57	7.34	10	9	349	472	15	21	540	1146	2.37	2.16	85	118	7.7		1.20	17	< 0.01
8	Sun	5.8	7.43	7.04	7		431		15		874		1.67		97		8.3		1.17	91	< 0.01
9	Mon	4.5	7.35	7.08	10		438		36		1578		1.33		58		8.4		1.15	24	< 0.01
10	Tue	4.3	7.61	7.40	10		423		17		734		0.97		42		8.5		1.22	6	< 0.01
11	Wed	7.8	7.38	6.95	10		834		30		2430		1.55		126		7.5		1.26	40	< 0.01
12	Thu	7.3	7.30	7.10	11		903		21		1693		2.30		185		7.1		1.20	29	< 0.01
13	Fri	6.0	7.49	7.25	8		499		16		961		1.88		113		7.7		1.26	119	< 0.01
14	Sat	4.8	7.40	7.19	9	9	431	566	27	23	1251	1360	1.32	1.57	61	98	8.0		1.22	15	< 0.01
15	Sun	4.2	7.46	7.18	7		279		14		555		0.73		30		7.7		1.11	4	< 0.01
16	Mon	3.9	7.48	7.23	14		534		28		1045		1.90		71		7.7		1.21	10	< 0.01
17	Tue	3.7	7.60	7.51	13		471		15		518		2.65		95		7.2		1.16	34	< 0.01
18	Wed	5.5	7.70	7.24	9		511		21		1233		2.02		119		7.5		1.19	104	< 0.01
19	Thu	5.7	7.37	7.29	6		355		19		1125		0.48		28		7.7		1.26	8	< 0.01
20	Fri	6.0	7.33	7.22	6		390		19		1234		0.26		17		7.7		1.11	15	< 0.01
21	Sat	4.9	7.49	6.81	6	9	281	403	7	17	345	865	0.18	1.17	9	53	8.0		1.22	3	< 0.01
22	Sun	6.1	7.33	7.08	4		240		24		1518		0.12		8		8.0		1.23	19	< 0.01
23	Mon	6.5	7.44	6.98	7		448		28		1870		0.41		27		7.9		1.26	5	< 0.01
24	Tue	10.5	7.18	6.44	15		1183		26		2080		0.41		33		7.4		1.22	75	< 0.01
25	Wed	10.4	7.18	6.83	5		436		22		1811		0.39		32		7.6		1.22	29	< 0.01
26	Thu	8.4	7.33	6.81	4		303		22		1760		0.37		30		8.1		1.21	37	< 0.01
27	Fri	7.7	7.29	7.04	7		554		15		1122		0.30		22		7.9		1.17	22	< 0.01
28	Sat	5.5	7.45	7.16	6	7	324	498	15	22	784	1564	0.48	0.35	25	25	8.0		1.18	5	< 0.01
29	Sun	5.4	7.63	7.26	6		292		16		835		0.33		17		7.6		1.14	5	< 0.01
30	Mon	5.8	7.44	7.12	7		378		16		918		0.30		17		7.6		1.12	9	< 0.01
AVERAGE		5.9			8		475		20		1210		1.25		70		7.8		1.20	19	< 0.01
MAXIMUM		10.5	7.70		15	9	1183	566	36	23	2430	1564	3.02	2.16	185	118	8.6		1.37	454	< 0.01
MINIMUM		3.7		6.35	3		115		7		345		0.08		3		7.1		0.98	3	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		178	223	213	248		14241		612		36297		37		2090		235.0		36.02	1296	< 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	180	80			22	0	274	6	2	81		
2	Mon	160	160	27	41	31	0	272	6	2	79		
3	Tue	160	140			28	0	274	6	2	70		
4	Wed	160	60			37	0	269	6	2	76		
5	Thu	160	280			29	0	272	6	2	81		
6	Fri	130	100			30	0	268	6	2	81		
7	Sat	70	80			29	0	262	6	2	82		
8	Sun	120	140			43	0	259	6	2	92		
9	Mon	120	80			33	0	258	6	2	67		
10	Tue	100	80	27	20	32	0	256	2	2	69		
11	Wed	200	160			44	0	259	6	2	89		
12	Thu	160	160	27	27	31	0	269	6	2	83		
13	Fri	100	80			32	0	281	6	2	89		
14	Sat	100	80			22	0	288	6	2	82		
15	Sun	100	80			22	0	287	6	2	81		
16	Mon	100	80			20	0	282	6	2	85		
17	Tue	80	95			34	0	274	6	2	83		
18	Wed	140	120			50	0	272	6	2	84		
19	Thu	60	120	27	41	48	0	282	6	2	83		
20	Fri	260	120			32	0	242	6	2	82		
21	Sat	200	100			32	0	293	6	2	82		
22	Sun	160	120			30	0	290	6	2	85		
23	Mon	180	140			37	0	293	6	2	82		
24	Tue	260	220			45	0	299	6	2	82		
25	Wed	220	180	27	20	39	0	302	6	2	82		
26	Thu	200	200			33	0	297	6	2	90		
27	Fri	160	150	27	27	25	0	297	6	2	89		
28	Sat	160	110			21	0	296	6	2	82		
29	Sun	180	60			23	0	283	6	2	84		
30	Mon	180	140			27	0	269	5	2	80		
AVERAGE		152	124	5	6	32	0	277	6	2	82		
MAXIMUM		260	280	27	41	50	0	302	6	2	92		
MINIMUM		60	60	27	20	20	0	242	2	2	67		
# OF DATA		30	30	6	6	30	30	30	30	30	30		
TOTAL		4560	3715	162	176	961	0	8321	176	67	2458		

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		
<b>% Total Solids</b>		

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								93				97	18				30								
2	Mon		2.94	65.3	6.31	2.33	58.2	7.10	93	2.17	58.2	7.11	97	38	3.57	58.1	7.12	10					84	35		
3	Tue								93				97	15				26	0.21			104	13.3			
4	Wed								93				97	30				54	0.23			83	23.2			
5	Thu								93				97	24				42	0.40			82	0.2			
6	Fri								93				97	24				37				82				
7	Sat								93				97	26				41				81				
8	Sun								93				97	38				75				82				
9	Mon		3.54	65.5	6.92	2.87	60.4	6.91	93	2.19	56.0	7.15	97	32	3.77	56.7	7.16	16					114	33		
10	Tue								93				97	21				17								
11	Wed								93				97	32				60								
12	Thu								93				97	24				49								
13	Fri								93				97	25				40	1.44							
14	Sat								93				97	11				25								
15	Sun								93				97	18				32								
16	Mon		4.05	63.8	6.29	2.00	61.1	7.27	93	2.40	57.6	7.12	97	23	3.40	54.9	7.14	9					142	29		
17	Tue								93				97	22				0						156	15	
18	Wed								93				97	35				21						179	21	
19	Thu								93				97	47				22						214	34	
20	Fri								93				97	45				36						236	21	
21	Sat								93				97	34				53						236		
22	Sun								93				97	27				42						236		
23	Mon		3.61	66.1	6.33	2.59	56.5	7.09	93	2.62	55.1	7.06	97	49	3.97	55.2	7.14	85					218	18.0		
24	Tue								93				97	37				73						196	26.3	
25	Wed								93				97	29				53						193	1.8	
26	Thu								93				97	37				37						210	17	
27	Fri								93				97	24				50	2.15					209	8.6	
28	Sat								93				97	8				19						208	12.3	
29	Sun								93				97	19				33						208	22.7	
30	Mon		3.45	62.4	6.68	2.05	56.5	7.25	93	2.25	51.3	7.10	97	29	4.03	57.5	7.11	12					245	28.0	34	
AVERAGE			3.52	64.6	6.51	2.37	58.5	7.12	93	2.33	55.6	7.11	97	28	3.75	56.5	7.13	37	0.89					154	5.1	8
MAXIMUM			4.05	66.1	6.92	2.87	61.1	7.27	93	2.62	58.2	7.15	97	49	4.03	58.1	7.16	85	2.15					245	28.0	35
MINIMUM			2.94	62.4	6.29	2.00	56.5	6.91	93	2.17	51.3	7.06	97	8	3.40	54.9	7.11	0	0.21					81		
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	5	30	30	30	30	30	30	30
TOTAL			18	323	33	12	293	36	2794	12	278	36	2907	841	19	282	36	1100	4					4608	154	238

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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							
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 :	June 4th, 2014	0.011	0.034	0.009	0.008	0.069		<0.005	0.029	<0.005	0.005	0.041			
2nd Date :	June 18th, 2014	0.008	0.045	0.008	0.009	0.091	<0.005	<0.005	0.026	<0.005	0.007	0.044	<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		0.010	0.040	0.009	0.009	0.080	<0.003	<0.003	0.028	<0.003	0.006	0.043	<0.003		
Maximum		0.011	0.045	0.009	0.009	0.091	<0.005	<0.005	0.029	<0.005	0.007	0.044	<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	8.6	7.0	9	8	566	475	23	20	1564	1210	2.16	1.25	118	70	7.1	7.70	< 0.01	454	19
% of Limit	123%	100%	32%	41%	23%	28%	64%	85%	52%	60%	90%	78%	59%	52%	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: Jun-14  
 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 6,075

Overall Percent Removal of Volatile Solids 28.9%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 30,575

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 558

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 78

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,112

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 52

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 7

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 7

### Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	2%	-0%	-17%
Secondary Treatment :	79%	56%	27%
Adv. Sec. Treatment :	55%	54%	86%
Overall Treatment :	91%	78%	88%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	2.9	1.2	1.8
Secondary Settling Tank	2.1	0.9	1.3
Final Settling Tank	6.6	2.8	4.0
Chlorine Contact Tank	0.45	0.20	0.28
Total Plant Retention Time	11.5	5.0	7.1

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1234	535	871
Secondary Settling Tank	1629	706	1150
Final Settling Tank	830	360	586

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	10	17
Secondary Settling Tank	19	8	14
Final Settling Tank	19	8	13

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:

June 2, 16, 29 - 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: <b>La Porte</b>		Page: 1 of 2		Permit Number: <b>IN0025577</b>																
Facility: <b>La Porte Wastewater Treatment Facility</b>		Public Notification Requirements Met? <b>Y</b>																		
Monitoring Period: <b>June 2014</b>		Check box if no CSO discharge occurred for the month:			<b>X</b>															
Design Peak Inf. Flow(MGD) <b>9.7</b>		Design Average Flow (M) <b>7.0</b>		Measured/Metered (M) or Estimated (E) must be specified.																
WWTP Influent Data		Precipitation Data			CSO Outfall No. <b>002</b>		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	4.45	7.64			0.01	0.01	HR													
2	6.81	10.12	12:00 AM	0.1	0.06	0.02	HR													
3	5.76	10.04																		
4	7.56	10.20	9:12 AM	1.4	0.85	0.32	HR													
5	9.29	10.20																		
6	6.41	10.19																		
7	4.32	7.01																		
8	6.98	10.14	1:24 AM	0.7	0.45	0.17	HR													
9	5.25	8.53																		
10	5.18	9.99	7:35 PM	0.5	0.35	0.14	HR													
11	9.71	10.19	12:26 AM	0.7	0.59	0.31	HR													
12	9.67	10.18																		
13	7.20	10.05																		
14	5.56	7.10																		
15	4.93	9.98																		
16	4.48	6.14																		
17	4.28	6.12																		
18	7.04	10.11	0:27 PM	0.4	0.54	0.50	HR													
19	7.10	10.05	1:28 AM	0.4	0.32	0.14	HR													
20	7.79	10.13	12:20 AM	0.5	0.33	0.18	HR													
21	5.91	10.06	7:30 PM	0.7	0.42	0.27	HR													
22	7.58	10.18			0.01	0.01	HR													
23	8.01	10.10	6:42 AM	0.6	0.60	0.26	HR													
24	9.78	10.16	4:55 AM	2.1	1.58	0.66	HR													
25	9.87	10.15																		
26	9.81	10.19																		
27	8.97	10.11																		
28	6.27	7.72																		
29	6.26	9.92			0.01	0.01	HR													
30	6.88	9.99	5:38 AM	0.8	0.68	0.28	HR													
31																				
Totals:		209.09		8.70	6.80					0.0										
Typed or Printed Name and Title of Principal Executive Officer of Authorized Agent													Telephone							
<b>Jerry P Jackson, Superintendent</b>													<b>219-362-2354</b>							
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							
													<b>08/11/2014</b>							



**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:	<b>La Porte</b>	Page: 2 of 2	Permit Number: <b>IN0025577</b>
Facility:	<b>La Porte Wastewater Treatment Facility</b>	Public Notification Requirements Met? <b>Y</b>	
Monitoring Period:	<b>June 2014</b>	Check box if no CSO discharge occurred for the month: <b>X</b>	
Design Peak Inf. Flow(MGD)	<b>9.7</b>	Design Average Flow (M	<b>7.0</b>

Day of Month	Comments (further explanation as to why each CSO event occurred)
1	
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Typed or Printed Name and Title of Principal Executive Officer of Authorized Agent	Telephone
<b>Jerry P Jackson, Superintendent</b>	<b>219-362-2354</b>
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
	<b>08/11/2014</b>