

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Apr-12  
 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 in 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	3.3		0.02			0.00	7.62	105	102	12.64	7.39	77	70	14.45	7.21	8	22	8.71	4.6		2.0		1.03	3.8	0.18	
2	Mon	5.0					0.00	7.65	85	84	9.58	7.42	69	64	11.71	7.25	11	28	7.20	4.6		2.2		0.36	5.8	0.17	
3	Tue	3.5					0.00	7.49	100	78	16.36	7.41	83	60	15.72	7.05	10	23	6.90	4.6		2.2		0.96	4.1	0.18	
4	Wed	3.3					0.00	7.55	145	104	21.13	7.48	113	72	31.98	7.30	14	28	15.21	4.6		2.2		1.05	3.9	0.18	
5	Thu	4.3					0.00	7.63	78	98	12.17	7.48	70	66	19.08	7.35	13	31	12.39	4.6		1.9		0.53	5.1	0.18	
6	Fri	3.8					0.00	7.53	115	118	18.37	7.41	101	75	20.11	7.26	30	28	10.16	4.7		1.7		0.68	4.4	0.15	
7	Sat	3.3	3.8				0.00	7.53	128	166	16.09	7.31	85	92	18.34	7.15	11	26	9.39	4.6		1.7		0.93	3.8	0.17	
8	Sun	4.5					0.00	7.57	85	98	10.70	7.38	68	68	12.16	7.19	12	32	6.97	4.5		2.1		0.45	5.3	0.17	
9	Mon	4.5		0.01			0.00	7.62	110	119	42.12	7.42	92	82	17.37	7.19	14	35	7.64	4.8		2.4		0.59	5.3	0.17	
10	Tue	3.1					0.00	7.63	165	162	20.96	7.47	113	84	28.07	7.42	16	27	13.40	4.5		2.0		1.08	3.6	0.16	
11	Wed	3.9					0.00	7.63	110	159	14.39	7.46	95	98	17.59	7.27	16	39	9.55	4.8		2.4		0.86	4.6	0.18	
12	Thu	3.0					0.00	7.61	145	152	21.55	7.49	100	90	26.00	7.27	13	38	13.43	4.6		1.9		1.12	3.6	0.17	
13	Fri	3.4					0.00	7.71	145	140	13.99	7.42	115	87	17.56	7.19	19	35	11.36	4.6		1.7	60	0.85	4.0	0.17	
14	Sat	4.4	3.9	0.10			0.00	7.62	109	100	14.15	7.49	97	64	15.08	7.23	13	35	7.61	4.9		1.8		0.52	5.2	0.16	
15	Sun	3.6		0.21			0.00	7.62	165	160	14.90	7.42	105	68	17.45	7.21	17	27	9.88	4.5		2.1		0.86	4.1	0.15	
16	Mon	7.1		0.18		7.8	0.00	7.71	88	188	9.39	7.46	72	110	12.20	7.22	18	48	7.08	5.7		2.7		0.18	8.4	0.19	
17	Tue	3.5					0.00	7.72	100	92	19.72	7.47	81	68	18.76	7.21	10	29	8.14	4.5		2.2		0.91	4.1	0.18	
18	Wed	3.1					0.00	7.61	213	364	19.05	7.43	119	74	23.95	7.18	14	28	11.51	4.5		2.3	90	1.21	3.6	0.17	
19	Thu	3.3					0.00	7.61	217	134	21.49	7.39	47	70	26.53	7.17	9	31	13.20	4.6		2.0		0.96	4.0	0.18	
20	Fri	5.6		0.33		3.6	0.00	7.55	45	292	12.50	7.34	40	120	15.30	7.22	11	51	9.78	5.9		2.8		0.55	6.8	0.21	
21	Sat	4.6	4.4				0.00	7.69	32	68	13.17	7.44	27	64	14.58	7.30	6	34	6.87	4.6		1.7		0.37	5.5	0.19	
22	Sun	3.0					0.00	7.56	65	100	16.48	7.45	62	66	17.09	7.25	8	27	7.34	4.5		2.1		1.22	3.5	0.17	
23	Mon	4.1					0.00	7.59	52	80	16.85	7.42	43	58	15.47	7.27	11	26	6.36	4.5		2.4	60	0.67	4.9	0.19	60
24	Tue	3.0					0.00	7.62	78	162	21.34	7.46	82	72	19.61	7.23	11	34	7.92	4.4	220	2.3		1.24	3.5	0.18	
25	Wed	3.2		0.08			0.00	7.70	103	174	17.31	7.46	107	68	19.29	7.18	18	29	8.76	4.6		2.3		1.14	3.9	0.19	
26	Thu	4.3					0.00	7.70	122	108	15.86	7.52	82	70	15.29	7.29	12	37	6.88	5.0		2.2		0.68	5.1	0.19	
27	Fri	4.7					0.00	7.90	77	70	13.00	7.58	69	69	14.39	7.31	14	45	7.41	4.7		1.7		0.37	5.5	0.18	
28	Sat	4.7	3.9	0.25		1.4	0.00	7.63	90	152	12.07	7.44	88	94	16.35	7.24	21	45	9.88	5.3		2.2		0.59	5.7	0.21	
29	Sun	3.7		0.35		1.5	0.00	7.70	124	144	15.37	7.47	95	104	15.68	7.24	13	37	6.78	4.8		2.2		0.93	4.4	0.19	
30	Mon	5.6		0.30		2.4	0.00	7.71	67	83	10.10	7.43	61	72	9.18	7.23	19	45	5.13	5.5		2.7		0.47	6.7	0.20	
AVERAGE		4.0		0.06		0.6	0.00	7.63	109	135	16.43	7.44	82	77	17.88	7.24	14	33	9.09	4.8	7	2.1	7	0.78	4.7	0.18	2
MAXIMUM		7.1	4.4	0.35		7.8	0.00	7.90	217	364	42.12	7.58	119	120	31.98	7.42	30	51	15.21	5.9	220	2.8	90	1.24	8.4	0.21	60
MINIMUM		3.0		0.01		0.0	0.00	7.49	32	68	9.39	7.31	27	58	9.18	7.05	6	22	5.13	4.4	220	1.7	60	0.18	3.5	0.15	60
# OF DATA		30		10		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1	30	3		30		1
TOTAL		120		1.83		17	0	229	3263	4051	493	223	2456	2319	536	217	409	1000	273	143	220	64	210		142		60

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 2 of 6

Date: Apr-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

## 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	3.2	7.48	7.33	3		90		13		354		0.19		5		10.0		1.45	1	< 0.01
2	Mon	4.7	7.56	7.36	3		137		14		579		0.13		5		10.0		1.61	1	< 0.01
3	Tue	3.3	7.48	7.37	4		109		7		202		0.11		3		9.5		1.25	3	< 0.01
4	Wed	3.2	7.52	7.30	3		77		11		304		0.34		9		9.7		1.59	1	< 0.01
5	Thu	4.0	7.43	7.27	4		140		12		430		0.94		34		10.1		1.51	1	< 0.01
6	Fri	3.5	7.46	7.20	11		357		12		380		1.53		48		10.0		1.44	1	< 0.01
7	Sat	3.1	7.55	7.34	4	5	96	144	15	12	410	380	0.31	0.51	8	16	9.8		1.27	0	< 0.01
8	Sun	4.3	7.45	7.41	3		120		21		790		0.17		6		9.7		1.52	2	< 0.01
9	Mon	4.3	7.48	7.34	5		182		23		871		0.15		6		9.6		1.35	1	< 0.01
10	Tue	3.1	7.50	7.42	4		104		15		377		0.30		8		9.8		1.53	0	< 0.01
11	Wed	3.8	7.48	7.41	11		347		30		972		0.77		25		10.2		1.64	0	< 0.01
12	Thu	3.0	7.59	7.37	5		129		23		571		0.86		22		10.0		1.40	1	< 0.01
13	Fri	3.4	7.54	7.33	6		170		24		690		0.79		23		9.5		1.58	0	< 0.01
14	Sat	4.3	7.44	7.10	6	6	218	181	27	23	996	753	0.39	0.49	14	15	9.4		1.38	0	< 0.01
15	Sun	3.5	7.47	7.30	9		255		34		1009		0.45		13		9.3		1.56	0	< 0.01
16	Mon	6.7	7.38	7.10	12		691		35		2066		0.44		26		9.5		2.90	0	< 0.01
17	Tue	3.4	7.42	7.28	4		102		15		437		0.36		10		9.4		1.55	0	< 0.01
18	Wed	3.0	7.51	7.35	4		102		14		357		0.56		14		9.2		1.40	0	< 0.01
19	Thu	3.3	7.72	7.35	7		206		25		698		0.92		26		9.2		1.53	0	< 0.01
20	Fri	5.4	7.54	7.26	7		328		34		1594		1.62		76		9.2		2.23	0	< 0.01
21	Sat	4.4	7.59	7.36	6	7	236	274	21	25	811	996	0.49	0.69	19	26	9.6		1.34	6	< 0.01
22	Sun	2.9	7.50	7.42	4		109		15		372		0.38		9		9.3		1.28	2	< 0.01
23	Mon	4.0	7.64	7.48	6		218		17		587		0.56		19		9.6		1.42	0	< 0.01
24	Tue	2.9	7.67	7.55	4		87		18		446		0.45		11		9.7		1.21	1	< 0.01
25	Wed	3.2	7.68	7.53	5		140		19		512		0.61		16		9.3		1.37	1	< 0.01
26	Thu	4.1	7.63	7.48	5		168		28		985		0.81		29		10.1		1.31	3	< 0.01
27	Fri	4.4	7.58	7.43	6		218		19		741		0.88		34		10.4		1.29	1	< 0.01
28	Sat	4.4	7.62	7.38	8	5	307	178	28	20	1083	675	0.95	0.66	37	22	9.6		1.32	0	< 0.01
29	Sun	3.5	7.56	7.38	7		211		26		795		1.12		34		9.5		1.29	0	< 0.01
30	Mon	5.4	7.49	7.36	12		542		39		1821		1.74		81		9.2		1.28	35	< 0.01
AVERAGE		3.9			6		207		21		741		0.64		22		9.6		1.49	1	< 0.01
MAXIMUM		6.7	7.72		12	7	691	274	39	25	2066	996	1.74	0.69	81	26	10.4		2.90	35	< 0.01
MINIMUM		2.9		7.10	3		77		7		202		0.11		3		9.2		1.21	0	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		116	226	221	176		6196		632		22241		19		675		289.4		44.80	61	< 0.01

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Apr-12

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	200	50			32	0	268	6	2	81		
2	Mon	280	80			30	0	271	6	2	82		
3	Tue	180	60			33	0	275	6	2	78		
4	Wed	200	60			33	0	279	6	2	79		
5	Thu	150	80	20	27	30	0	276	6	2	89		
6	Fri	320	70			28	0	276	6	2	80		
7	Sat	240	50			30	0	271	6	2	78		
8	Sun	300	80			32	0	267	6	2	77		
9	Mon	250	90			31	0	265	6	2	80		
10	Tue	210	70			28	0	263	4	2	79		
11	Wed	260	60			34	0	262	4	2	88		
12	Thu	240	60			32	0	260	4	2	91		
13	Fri	240	70			30	3	259	4	2	86		
14	Sat	310	130			33	0	260	4	2	80		
15	Sun	270	80			32	0	257	4	2	80		
16	Mon	460	180		47	30	0	248	6	2	82		
17	Tue	200	100			23	0	284	6	2	80		
18	Wed	240	70			28	3	283	6	2	80		
19	Thu	220	90			34	0	278	6	2	79		
20	Fri	280	130			33	0	285	6	2	86		
21	Sat	260	80			32	0	287	6	2	82		
22	Sun	180	47			30	0	281	6	2	84		
23	Mon	240	67	20		29	0	277	6	2	86		
24	Tue	180	76			23	0	238	6	2	89		
25	Wed	180	50			30	0	279	6	2	82		
26	Thu	242	70			33	0	278	6	2	86		
27	Fri	298	90			32	0	283	6	2	90		
28	Sat	280	90			40	0	277	6	2	90		
29	Sun	210	60			29	0	276	6	2	82		
30	Mon	340	110		54	33	0	274	6	2	84		
AVERAGE		249	80	1	4	31	0	271	6	2	83		
MAXIMUM		460	180	20	54	40	3	287	6	2	91		
MINIMUM		150	47	20	27	23	0	238	4	2	77		
# OF DATA		30	30	2	3	30	30	30	30	30	30		
TOTAL		7460	2400	41	128	925	6	8136	170	68	2491		

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		

# MONTHLY REPORT OF OPERATION

## Trickling Filter Wastewater Treatment Plant

Date: Apr-12  
 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								96				96	20				71					
2	Mon		3.55	76.0	6.55	2.22	56.4	6.93	96	2.04	59.6	7.18	96	33	4.72	55.6	7.22	33	0.07		167		36
3	Tue								96				96	9				20			200		
4	Wed								96				96	17				55			184	15.7	
5	Thu								96				96	47				50			229		46
6	Fri								96				96	9				15			28		
7	Sat								96				96	6				18			27		
8	Sun								96				96	20				65			27		
9	Mon		3.20	73.5	6.17	2.01	69.9	7.01	96	1.77	53.1	7.20	96	20	4.64	58.5	7.21	33					16
10	Tue								96				96	18				59					
11	Wed								96				96	19				67					
12	Thu								96				96	23				78	0.14				
13	Fri								96				96	23				70					
14	Sat								96				96	22				71					
15	Sun								96				96	20				72	0.01				
16	Mon		3.16	76.1	6.98	1.80	57.3	6.87	91	1.99	63.0	7.23	96	53	4.07	57.1	7.30	81					24
17	Tue								94				96	11				32					
18	Wed								95				96	23				63					
19	Thu								95				96	25				73					
20	Fri								95				96	21				59					
21	Sat								95				96	19				66	0.01				
22	Sun								96				96	18				62	0.07				
23	Mon		2.80	78.0	5.94	1.99	59.0	6.89	96	2.28	62.0	7.12	96	27	4.09	59.4	7.15	17					26
24	Tue								96				96	23				46					
25	Wed								96				96	17				58					
26	Thu								96				96	20				71				0.0	
27	Fri								96				96	20				72					
28	Sat								96				96	24				83					
29	Sun								96				96	24				84					
30	Mon		2.38	71.6	6.77	2.05	60.4	6.93	96	1.84	61.3	7.20	96	45	4.21	61.4	7.17	26			28		50
AVERAGE			3.02	75.0	6.48	2.01	60.6	6.93	96	1.98	59.8	7.19	96	22	4.35	58.4	7.21	56	0.06		36	0.5	7
MAXIMUM			3.55	78.0	6.98	2.22	69.9	7.01	96	2.28	63.0	7.23	96	53	4.72	61.4	7.30	84	0.14		229	15.7	50
MINIMUM			2.38	71.6	5.94	1.80	56.4	6.87	91	1.77	53.1	7.12	96	6	4.07	55.6	7.15	15	0.01				
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	5	30	30	30	30
TOTAL			15	375	32	10	303	35	2866	10	299	36	2879	675	22	292	36	1672	0		1092	16	199

# MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 5 of 6

Date: Apr-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 :	April 11th, 2012	0.007	0.049	<0.005	0.009	0.064		<0.005	0.030	<0.005	0.008	0.036			
2nd Date :	April 15th, 2012							<0.005	0.028	<0.005	0.005	0.031	<0.005		
3rd Date :	April 17th, 2012							<0.005	0.024	<0.005	0.005	0.026	<0.005		
4th Date :	April 19th, 2012							<0.005	0.028	<0.005	0.005	0.030	<0.005		
5th Date :															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.007	0.049	<0.003	0.009	0.064		<0.003	0.028	<0.003	0.006	0.031	<0.003		
Maximum		0.007	0.049	<0.005	0.009	0.064		<0.005	0.030	<0.005	0.008	0.036	<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 (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	4.4	4.0	7	6	274	207	25	21	996	741	0.69	0.64	26	22	9.2	7.72	< 0.01	35	1
% of Limit	63%	57%	17%	23%	8%	10%	57%	70%	27%	30%	26%	36%	12%	15%	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: Apr-12  
 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 5,825

Overall Percent Removal of Volatile Solids 53.3%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 21,412

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 450

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 49

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 615

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 31

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 :	25%	43%	-9%
Secondary Treatment :	83%	57%	49%
Adv. Sec. Treatment :	57%	37%	93%
Overall Treatment :	95%	84%	96%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.1	1.7	3.0
Secondary Settling Tank	3.0	1.3	2.2
Final Settling Tank	9.5	4.0	7.0
Chlorine Contact Tank	0.65	0.27	0.48
Total Plant Retention Time	16.6	7.0	12.3

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	885	371	502
Secondary Settling Tank	1168	490	662
Final Settling Tank	595	250	338

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	17	7	10
Secondary Settling Tank	14	6	8
Final Settling Tank	14	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:

4/10/2012 - North final clarifier out of service for 8 hours for weir cleaning

4/11/2012 - Successful test of the 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, 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: \_\_\_\_\_

