

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jun-09
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

Page 1 of 6
 Permit # IN0025577
 Expires 10-31-2009
 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	Mon	9.0		0.59		17.0	0.00	7.27	15	50	8.89	7.15	33	54	8.23	7.03	10	29	2.64	7.2		3.8		0.22	9.4	0.05	
2	Tue	8.6		0.06		9.9	0.00	7.34	27	36	9.39	7.23	29	68	8.91	7.12	6	31	3.14	7.2		3.8		0.29	9.0	0.05	
3	Wed	6.5				1.8	0.00	7.24	53	53	9.43	7.13	40	42	9.62	7.12	10	23	3.36	5.6		3.1		0.32	7.1	0.08	
4	Thu	6.1				0.6	0.00	7.49	63	74	16.80	7.17	50	44	19.80	7.20	10	25	7.33	4.8		2.9		0.27	6.6	0.10	
5	Fri	6.9				0.6	0.00	7.38	50	54	9.38	7.38	40	71	9.62	7.10	7	62	3.85	6.6		3.5		0.46	7.5	0.08	
6	Sat	6.1	7.1			3.3	0.00	7.28	48	48	12.50	7.17	45	178	10.80	7.03	8	29	5.31	5.7		2.6		0.36	6.9	0.13	
7	Sun	5.4					0.00	7.35	57	52	11.60	7.33	48	40	10.60	7.34	8	20	4.37	5.0		2.4		0.36	6.1	0.12	
8	Mon	7.1		0.05		0.8	0.00	7.26	57	59	4.95	7.21	52	58	7.49	7.19	8	32	3.12	6.4		3.5		0.41	7.5	0.07	
9	Tue	5.5					0.00	7.27	68	84	14.20	7.15	55	56	14.65	7.11	12	35	6.09	4.9		2.8		0.40	6.3	0.15	
10	Wed	6.7		0.02		3.8	0.00	7.29	60	94	15.95	7.17	58	74	20.40	7.09	12	41	8.27	5.9		3.1		0.37	7.4	0.11	
11	Thu	9.6		1.56		21.6	0.00	7.28	24	40	8.49	7.19	29	56	13.70	7.00	9	34	8.74	7.1		3.8		0.13	10.1	0.05	
12	Fri	9.5				16.5	0.00	7.26	18	32	13.10	7.14	22	56	14.20	7.03	6	28	7.98	7.0		0.9		-0.17	10.0	0.04	
13	Sat	9.7	7.6	0.07		18.0	0.00	7.28	27	42	12.40	7.20	26	44	12.20	7.07	8	24	5.46	7.1				-0.27	10.0	0.03	
14	Sun	7.3				1.0	0.00	7.33	35	42	15.20	7.24	27	38	16.30	7.05	7	20	6.79	6.3				-0.14	7.8	0.07	
15	Mon	5.7				2.0	0.00	7.32	60	56	13.40	7.25	52	52	13.10	7.08	13	21	7.21	5.1	1.5			0.17	6.7	0.18	
16	Tue	8.0		1.00		9.8	0.00	7.34	50	58	15.50	7.14	42	64	13.50	7.04	13	33	9.73	5.9		3.7		0.20	8.5	0.06	
17	Wed	9.2		0.02		13.3	0.00	7.41	50	23	12.00	7.25	27	32	7.13	7.04	8	26	3.34	6.6		3.6		0.11	9.5	0.04	
18	Thu	8.7		0.05		10.3	0.00	8.00	38	70	6.65	7.89	17	48	5.26	7.72	8	29	2.98	7.0	240	3.7		0.23	9.4	0.08	60
19	Fri	9.3		0.94		19.2	0.00	7.95	35	53	4.96	7.85	33	60	7.22	7.67	8	30	2.90	7.0		3.7		0.15	9.7	0.05	
20	Sat	9.9	8.3	0.09		20.2	0.00	7.07	18	28	5.75	6.93	20	18	6.36	6.81	6	19	3.85	7.0		3.7		0.09	10.2	0.03	
21	Sun	9.7				18.7	0.00	7.28	16	20	8.30	7.10	23	30	9.41	7.03	6	18	6.36	7.0		3.7		0.11	10.1	0.04	
22	Mon	7.2					0.00	7.17	53	34	16.00	7.05	47	47	15.10	7.02	7	22	4.75	6.8		3.6		0.44	7.8	0.09	
23	Tue	6.0					0.00	7.21	50	64	6.76	7.03	33	32	5.48	6.93	8	18	1.75	4.6		3.0		0.25	6.7	0.11	
24	Wed	6.1				3.3	0.00	7.15	54	87	9.90	7.06	42	28	7.40	7.08	8	20	2.46	5.0		2.8		0.28	6.7	0.11	
25	Thu	5.9					0.00	7.29	34	94	8.14	7.25	43	108	8.42	7.08	7	22	3.64	4.6		2.6		0.22	6.5	0.11	
26	Fri	6.1					0.00	7.32	63	88	8.49	7.16	38	60	9.13	7.13	5	27	3.42	5.1		3.0		0.31	6.7	0.09	
27	Sat	4.6	6.5				0.00	7.22	63	60	8.18	7.11	55	52	7.23	7.02	8	21	3.19	4.6		1.7		0.36	5.7	0.23	
28	Sun	7.1					0.00	8.06	38	36	5.52	7.56	38	46	5.30	7.16	8	26	1.49	6.2		3.1		0.31	7.8	0.10	
29	Mon	5.5		0.09			0.00	7.38	65	103	11.50	7.26	45	34	8.74	7.11	7	20	2.28	4.9		2.5		0.34	6.2	0.13	
30	Tue	6.7					0.00	7.61	93	180	7.56	7.31	40	40	5.36	7.13	10	25	1.51	6.2		3.4		0.42	7.3	0.09	90
AVERAGE		7.3		0.15		6.4	0.00	7.37	46	60	10.36	7.23	38	54	10.36	7.12	8	27	4.58	6.0		2.8	8	0.23	7.9	0.09	5
MAXIMUM		9.9	8.3	1.56		21.6	0.00	8.06	93	180	16.80	7.89	58	178	20.40	7.72	13	62	9.73	7.2		3.8	240	0.46	10.2	0.23	90
MINIMUM		4.6		0.02		0.0	0.00	7.07	15	20	4.95	6.93	17	18	5.26	6.81	5	18	1.49	4.6		0.0	240	-0.27	5.7	0.03	60
# OF DATA		30		12		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1			30		2
TOTAL		220		4.54		191	0	221	1384	1814	311	217	1148	1630	311	213	249	809	137	180		85	240		237		150

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 2 of 6

Date: Jun-09 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

Permit # IN0025577
 Expires 10-31-2009
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

Final Effluent

Day of the Month	Day of the Week	Effluent Flow in MGal/Day	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	Mon	8.2	7.27	4		293		16		1204		0.04		3		9.9		1.38	125	< 0.01
2	Tue	7.8	7.45	2		157		13		910		0.07		5		9.8		1.64	33	< 0.01
3	Wed	6.1	7.32	2		109		6		328		0.02		1		9.7		1.41	39	< 0.01
4	Thu	5.6	7.38	< 2		51		9		430		0.11		6		9.7		1.60	17	< 0.01
5	Fri	6.4	7.27	2		138		15		865		0.06		3		9.5		1.65	41	< 0.01
6	Sat	5.6	7.32	3	2	128	141	13	12	664	709	0.09	0.06	5	3	9.2		1.53	14	< 0.01
7	Sun	5.2	7.66	< 2		45		4		182		<0.01				9.1		1.03	7	< 0.01
8	Mon	6.5	7.42	3		159		15		883		0.02		1		8.9		1.59	54	< 0.01
9	Tue	5.1	7.48	2		97		7		299		0.24		11		9.1		1.69	10	< 0.01
10	Wed	6.1	7.50	4		194		15		833		0.85		47		9.2		1.70	27	< 0.01
11	Thu	8.7	7.44	4		289		13		1044		0.60		48		8.8		1.67	89	< 0.01
12	Fri	8.6	7.17	3		199		13		1035		0.57		45		8.3		1.54	34	< 0.01
13	Sat	8.6	7.27	3	3	210	170	9	11	726	714	0.59	0.41	48	33	8.9		1.38	51	< 0.01
14	Sun	6.7	7.29	2		140		7		395		0.12		7		9.1		1.56	24	< 0.01
15	Mon	5.3	7.37	< 2		47		7		331		0.29		14		8.9		1.57	15	< 0.01
16	Tue	7.3	7.26	4		261		19		1237		0.02		1		8.8		1.51	31	< 0.01
17	Wed	8.2	7.18	3		229		7		534		0.16		12		8.8		1.41	27	< 0.01
18	Thu	8.0	7.87	4		262		16		1163		0.31		23		8.9		1.42	53	< 0.01
19	Fri	8.5	7.80	3		216		11		850		0.29		22		8.4		1.55	58	< 0.01
20	Sat	8.9	6.87	2	3	173	190	9	11	741	750	0.38	0.22	31	18	8.2		1.62	63	< 0.01
21	Sun	8.7	7.49	< 2		81		10		768		0.33		27		8.1		1.38	63	< 0.01
22	Mon	6.7	7.27	< 2		60		9		540		0.19		11		8.2		1.59	40	< 0.01
23	Tue	5.6	7.27	< 2		50		4		177		<0.01				8.4		1.16	28	< 0.01
24	Wed	5.6	7.31	< 2		51		8		405		<0.01				8.3		1.71	148	< 0.01
25	Thu	5.5	7.54	2		108		8		393		<0.01				8.3		1.30	38	< 0.01
26	Fri	5.7	7.39	< 2		51		12		614		<0.01				8.4		1.50	58	< 0.01
27	Sat	4.4	7.21	< 2	1	39	63	4	8	155	436	<0.01	0.07		6	8.7		1.29	10	< 0.01
28	Sun	6.4	7.43	4		224		10		589		<0.01				8.5		1.75	11	< 0.01
29	Mon	5.1	7.36	< 2		46		9		412		<0.01				8.5		1.24	65	< 0.01
30	Tue	6.1	7.32	3		157		9		504		0.02		1		8.8		1.38	95	< 0.01
AVERAGE		6.7	7.37	2		142		10		640		0.18		12		8.8		1.49	35	< 0.01
MAXIMUM		8.9	7.87	4	3	293	190	19	12	1237	750	0.85	0.41	48	33	9.9		1.75	148	< 0.01
MINIMUM		4.4	6.87	<2		39		4		155		<0.01		1		8.1		1.03	7	< 0.01
# OF DATA		30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		201	221	67		4263		304		19208		5		373		265.4		44.75	1368	< 0.01

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jun-09
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

Page 3 of 6
 Permit # IN0025577
 Expires 10-31-2009
 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	Mon	230	170	27	34	26	0	273	6	2	88		
2	Tue	250	170			23	0	285	6	2	88		
3	Wed	200	120			20	0	285	6	2	94		
4	Thu	180	120			20	0	287	6	2	87		
5	Fri	220	140	14	41	20	0	287	6	2	85		
6	Sat	200	100			20	0	286	6	2	103		
7	Sun	120	100			20	0	284	6	2	87		
8	Mon	210	140			27	0	280	6	2	84		
9	Tue	190	90			28	0	268	6	2	86		
10	Wed	200	130			21	14	268	6	2	85		
11	Thu	240	160			23	0	276	6	2	84		
12	Fri	280	220	27	54	20	0	289	6	2	85		
13	Sat	300	220			21	0	290	6	2	85		
14	Sun	240	120			20	0	290	6	2	84		
15	Mon	160	80			11	0	369	6	2	85		
16	Tue	260	160			20	0	298	6	2	93		
17	Wed	250	180			22	0	313	6	2	83		
18	Thu	250	180	27		20	7	309	6	2	112		
19	Fri	260	180	54		23	0	306	6	2	82		
20	Sat	280	160			20	0	305	6	2	83		
21	Sun	320	220			20	0	304	6	2	83		
22	Mon	200	120			26	0	303	6	2	84		
23	Tue	200	100	27	27	25	0	303	6	2	88		
24	Wed	190	60			25	0	301	6	2	84		
25	Thu	160	100			20	0	297	6	2	85		
26	Fri	230	120			23	11	289	6	2	84		
27	Sat	180	90			20	0	287	6	2	93		
28	Sun	230	120			20	0	284	6	2	84		
29	Mon	160	100			22	0	276	6	7	171		
30	Tue	270	130	27	34	23	0	285	6	8	201		
AVERAGE		222	137	7	6	22	1	293	6	3	94		
MAXIMUM		320	220	54	54	28	14	369	6	8	201		
MINIMUM		120	60	14	27	11	0	268	6	2	82		
# OF DATA		30	30	7	5	30	30	30	30	30	30		
TOTAL		6660	4100	203	189	652	32	8777	180	77	2822		

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: Jun-09
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

Page 4 of 6
 Permit # IN0025577
 Expires 10-31-2009
 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	Mon		4.33	68.5	6.36	3.63	55.0	6.96	96	2.04	60.4	7.02	96	48	4.21	53.4	7.06	13			28		44
2	Tue								96				96	7				9			28		
3	Wed								96				96	17				28			28		
4	Thu								96				96	6				7			26		
5	Fri								96				96	10				28			25		
6	Sat								96				96	15				33	0.14		25		
7	Sun								96				96	13				30	0.06		23		
8	Mon		1.98	79.1	6.00	2.96	51.1	6.79	96	3.53	57.4	7.03	96	34	4.79	53.7	7.02	1			65		43
9	Tue								96				96	25				35			65		
10	Wed								96				96	50				81	0.13		65		
11	Thu								96				96	34				72	0.14		68		
12	Fri								96				96	15				39			68		
13	Sat								96				96					3			68		
14	Sun								96				96	17				37			67		
15	Mon		3.10	71.7	6.10	2.54	54.6	6.78	96	3.69	48.4	7.00	96	40	4.21	53.2	6.71	2			115		49
16	Tue								96				96	19				13			117		
17	Wed								96				96	9				27			117		
18	Thu								96				96	28				59			71		
19	Fri								96				96	19				46			65		
20	Sat								96				96	13				32			64		
21	Sun								96				96	12				29			64		
22	Mon		4.13	67.4	6.31	2.33	53.9	6.83	96	2.62	52.9	6.98	96	35	3.75	51.2	6.91	3			111		47
23	Tue								96				97	6				2			111		
24	Wed								96				98	7				3			110		
25	Thu								96				98	10				26			110		
26	Fri								96				98	29				59			80		
27	Sat								96				98	10				26			80		
28	Sun								96				98	13				29			79		
29	Mon		3.76	74.0	6.89	4.02	51.7	6.87	96	4.35	52.0	7.03	98	40	4.37	54.8	6.94	4			127		49
30	Tue								96				98	11				5			127		
AVERAGE			3.46	72.1	6.33	3.10	53.3	6.85	96	3.25	54.2	7.01	97	20	4.27	53.3	6.93	26	0.12		73		8
MAXIMUM			4.33	79.1	6.89	4.02	55.0	6.96	96	4.35	60.4	7.03	98	50	4.79	54.8	7.06	81	0.14		127		49
MINIMUM			1.98	67.4	6.00	2.33	51.1	6.78	96	2.04	48.4	6.98	96		3.75	51.2	6.71	1	0.06		23		
# OF DATA			5	5	5	5	5	5	30	5	5	5	30	30	5	5	5	30	4	30	30		30
TOTAL			17	361	32	15	266	34	2876	16	271	35	2900	591	21	266	35	780	0		2197		232

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 5 of 6

Date: Jun-09
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

Permit # IN0025577
 Expires 10-31-2009
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

NPDES LIMITS AND ANALYSIS

Metals and Cyanide Analysis : All results are given in mg/l except mercury (Hg) which is given in ng/l.

INFLUENT									EFFLUENT						
Method: 24 hour composite (except for Hg, which is grab)									Site: Post Cl2 Tank						
Sample Characteristics		Hg	Cr	Cu	Pb	Ni	Zn	CN-	Hg	Cr	Cu	Pb	Ni	Zn	CN-
Sample Number		CO71900	CO1032	CO1042	CO1051	CO1074	CO1092	CO0720	CO71900	CO1032	CO1042	CO1051	CO1074	CO1092	CO0720
Sample Type	Permit Condition	Grab	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
	Monitored	Grab	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
Frequency	Permit Condition	6 X Annual	4 X Annual	2-31 Days	4 X Annual	4 X Annual	4 X Annual	2-31 Days	6 X Annual	4 X Annual	2-31 Days	4 X Annual	4 X Annual	4 X Annual	2-31 Days
	Monitored	6 X Annual	4 X Annual	2-31 Days	4 X Annual	4 X Annual	4 X Annual	2-31 Days	6 X Annual	4 X Annual	2-31 Days	4 X Annual	4 X Annual	4 X Annual	2-31 Days
Parameter Limits	Daily Maximum										0.055				0.016
	Monthly Average										0.024				0.016
1st Date:	June 2nd 2009	19.5	<0.005	0.028	<0.005	<0.005	0.035	<0.005	4.9	<0.005	0.015	<0.005	<0.005	0.030	<0.005
2nd Date:	June 4th 2009									<0.005	0.020	<0.005	0.005	0.039	<0.005
3rd Date:	June 10th 2009			0.028							0.020				
4th Date:	June 17th 2009		<0.005	0.022	<0.005	0.006	0.034	<0.005			0.015				<0.005
5th Date:	June 24th 2009			0.032							0.012				
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	*See Note	0	NA	NA	0
Average		19.5	<0.003	0.028	<0.003	0.004	0.035	<0.003	4.9	<0.003	0.016	<0.003	0.004	0.035	<0.003
Maximum		19.5	<0.005	0.032	<0.005	0.006	0.035	<0.005	4.9	<0.005	0.020	<0.005	0.005	0.039	<0.005

* We are currently under Agreed Order 2000-9996-W with IDEM to resolve effluent copper concerns.

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	8.3	7.3	3	2	190	142	12	10	750	640	0.41	0.18	33	12	8.1	7.87	< 0.01	148	35
Total				0		0		0		0		0		0	0	0	0		0

*Dissolved Oxygen value is minimum daily average

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jun-09
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

Page 6 of 6
 Permit # IN0025577
 Expires 10-31-2009
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

Total lbs Volatile Solids to Digester 4,524

Overall Percent Removal of Volatile Solids 56.0%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 16,569

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 568

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 65

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,028

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 26

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 :	17%	10%	0%
Secondary Treatment :	78%	50%	56%
Adv. Sec. Treatment :	73%	62%	96%
Overall Treatment :	95%	83%	98%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	2.6	1.2	1.7
Secondary Settling Tank	1.9	0.9	1.2
Final Settling Tank	6.1	2.8	3.8
Chlorine Contact Tank	0.42	0.20	0.26
Total Plant Retention Time	10.6	5.0	6.7

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	1234	580	915
Secondary Settling Tank	1629	766	1208
Final Settling Tank	830	390	616

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	24	11	18
Secondary Settling Tank	19	9	14
Final Settling Tank	19	9	14

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:

6/(12-15)/2009 - Fixed-bed flowmeter out of service due to electronic problem
 6/15/2009 - Primary Clarifier #1 out of service for cleaning and maintainance
 6/16/2009 - Primary Clarifier #2 out of service for cleaning and maintainance
 6/17/2009 - Primary Clarifier #3 out of service for cleaning and maintainance
 6/22/2009 - Primary Clarifier #4 out of service for cleaning and maintainance
 6/29/2009 - North Final Clarifier out of service for cleaning
 6/30/2009 - South Final Clarifier out of service for cleaning
 6/12/2009 - Successful test of emergency power system
 6/26/2009 - 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, 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: _____

