

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Oct-2007
 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 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	Mon	6.5		0.44		2.6	0.00	7.40	75	81	8.92	7.23	61	72	10.90	7.14	13	32	6.78	6.2		3.3		0.46	6.8	0.04	
2	Tue	5.6					0.00	7.45	47	56	13.50	7.32	43	34	13.05	7.12	10	17	8.00	4.8		2.8		0.36	5.9	0.05	
3	Wed	4.0		0.15			0.00	7.36	90	82	16.40	7.28	61	42	20.00	7.11	10	17	10.90	5.1		2.7		0.94	5.8	0.45	
4	Thu	4.0					0.00	7.38	87	80	28.30	7.25	66	46	27.30	7.12	13	22	17.70	4.8		2.1		0.74	5.5	0.40	
5	Fri	4.6		0.04			0.00	7.61	95	88	25.15	7.40	45	58	21.70	7.18	12	20	15.20	4.9		1.8		0.46	5.6	0.22	
6	Sat	5.3	4.9				0.00	7.40	62	54	11.10	7.30	60	46	13.20	7.16	12	25	8.93	4.9		1.8		0.27	5.7	0.09	
7	Sun	3.0					0.00	7.42	145	86	25.90	7.32	38	58	26.75	7.23	12	22	15.00	4.8		2.3		1.36	5.7	0.89	
8	Mon	4.5		0.19		1.1	0.00	7.58	133	394	33.30	7.33	104	78	22.35	7.23	13	22	14.85	5.0		2.7		0.72	5.8	0.30	
9	Tue	4.0					0.00	7.51	78	64	13.40	7.37	58	40	17.70	7.24	13	16	10.10	4.8		2.5		0.82	5.4	0.36	
10	Wed	5.4		0.58		1.1	0.00	7.54	83	86	23.80	7.44	62	68	21.40	7.41	13	27	15.00	5.1		2.7		0.45	6.1	0.14	
11	Thu	7.3		0.32		4.5	0.00	7.47	62	92	11.60	7.19	44	82	13.30	7.26	16	34	10.80	6.2		3.7		0.35	7.5	0.02	
12	Fri	5.1					0.00	7.49	57	72	16.25	7.32	33	74	17.30	7.16	8	31	11.05	4.9		1.9		0.32	5.7	0.12	
13	Sat	2.9	4.6				0.00	7.50	105	60	20.40	7.29	96	60	23.00	7.17	13	22	14.10	4.9		1.9		1.32	5.6	0.94	
14	Sun	3.9		0.01			0.00	7.46	98	60	17.50	7.26	79	54	18.90	7.13	13	21	11.25	4.8		2.2		0.81	5.4	0.39	
15	Mon	5.0					0.00	7.47	88	68	12.50	7.35	62	52	16.60	7.09	14	21	12.20	4.8		2.5		0.44	5.8	0.16	
16	Tue	6.4		0.35		3.0	0.00	7.37	84	161	12.30	7.22	58	76	13.50	7.10	14	26	9.63	5.8		3.2		0.42	6.6	0.03	
17	Wed	4.0					0.00	7.47	93	68	28.30	7.38	60	60	35.80	7.20	13	26	17.70	4.7		2.4		0.79	5.5	0.38	
18	Thu	7.4		1.43		9.7	0.00	7.52	171	174	9.75	7.35	98	90	11.80	7.45	27	28	9.83	6.4		3.8		0.39	8.0	0.08	
19	Fri	6.0		0.03			0.00	7.39	87	90	16.40	7.24	80	57	12.20	7.21	19	34	8.10	5.1		2.2		0.22	6.1	0.02	
20	Sat	5.4	5.4				0.00	7.37	88	46	12.10	7.24	58	50	13.55	7.18	16	25	8.69	4.8		1.8		0.24	5.6	0.05	
21	Sun	5.3					0.00	7.45	55	46	12.10	7.38	40	58	14.00	7.35	12	29	10.05	4.7		2.2		0.31	5.7	0.06	
22	Mon	5.6		0.39		1.8	0.00	7.63	110	152	14.40	7.31	76	80	19.20	7.31	3	33	12.65	5.1	30	2.8		0.43	6.3	0.13	
23	Tue	4.0		0.10		0.3	0.00	7.48	88	50	13.30	7.34	52	44	12.90	7.10	15	21	7.32	4.9		2.6		0.88	5.6	0.41	
24	Wed	2.9					0.00	7.58	230	412	26.75	7.37	75	67	26.95	7.41	10	21	13.80	4.8		2.5		1.47	5.6	0.93	
25	Thu	3.9					0.00	7.50	85	62	14.30	7.38	58	64	16.30	7.30	12	27	12.90	4.8		2.0		0.75	5.5	0.39	
26	Fri	4.2		0.15			0.00	7.47	92	206	17.65	7.29	70	78	19.30	7.13	12	29	11.80	4.9		1.9		0.65	5.5	0.31	
27	Sat	5.1	4.4			1.8	0.00	7.34	73	86	11.80	7.20	14	62	13.00	7.09	14	30	8.21	5.2		2.3		0.46	5.8	0.14	
28	Sun	3.7					0.00	7.45	97	54	15.70	7.25	85	48	15.80	7.18	13	25	9.68	4.8		2.2		0.89	5.4	0.46	
29	Mon	3.9					0.00	7.53	98	68	16.70	7.32	81	58	15.80	7.27	13	23	9.48	4.8		2.4		0.84	5.4	0.39	
30	Tue	3.6					0.00	7.66	103	72	16.20	7.41	74	82	17.90	7.36	13	31	10.10	4.6		2.4		0.94	5.4	0.49	
31	Wed	3.8	3.7				0.00	7.39	108	94	19.20	7.34	77	82	22.80	7.36	13	33	12.80	4.7		2.4		0.90	5.3	0.42	
AVERAGE		4.7		0.13		0.8	0.00	7.47	96	105	17.26	7.31	64	62	18.20	7.22	13	25	11.44	5.0	1	2.5		0.66	5.9	0.30	
MAXIMUM		7.4	5.4	1.43		9.7	0.00	7.66	230	412	33.30	7.44	104	90	35.80	7.45	27	34	17.70	6.4	30	3.8		1.47	8.0	0.94	
MINIMUM		2.9		0.01		0.0	0.00	7.34	47	46	8.92	7.19	14	34	10.90	7.09	3	16	6.78	4.6	30	1.8		0.22	5.3	0.02	
# OF DATA		31		13		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1	31			31		
TOTAL		146		4.18		26	0	232	2968	3264	535	227	1970	1920	564	224	401	790	355	156	30	76			182		

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 2 of 6

Date : Oct-2007

LaPorte Wastewater Treatment Plant

Permit # IN0025577

2101 Boyd Boulevard

Expires 10-31-2009

LaPorte IN, 46350

Certified Operator : Jerry P Jackson

Phone # (219)362-2354

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	5.7	7.10	3		185		12		653		0.03		2		8.0		4.19	37	< 0.01
2	Tue	4.9	7.17	3		154		6		257		0.02		1		8.4		2.94	67	< 0.01
3	Wed	3.4	7.24	3		87		2		67		0.04		1		8.2		2.95	55	< 0.01
4	Thu	3.3	7.32	3		96		9		298		0.12		4		8.1		3.11	39	< 0.01
5	Fri	3.9	7.23	4		149		1		38		0.16		6		8.3		2.44	4	< 0.01
6	Sat	4.5	7.17	3	3	127	119	10	7	439	300	0.05	0.06	2	2	8.3		2.16	52	< 0.01
7	Sun	2.5	7.30	4		105		7		163		0.04		1		7.9		1.92	38	< 0.01
8	Mon	3.8	7.40	2		86		13		486		0.08		3		8.0		2.61	39	< 0.01
9	Tue	3.4	7.26	3		100		4		133		0.02		1		8.2		1.44	39	< 0.01
10	Wed	4.6	7.36	3		126		7		315		0.48		22		8.8		2.14	45	< 0.01
11	Thu	6.4	7.37	6		335		14		823		0.75		46		8.9		2.60	71	< 0.01
12	Fri	4.4	7.05	2		98		6		256		0.43		18		9.0		2.09	3	< 0.01
13	Sat	2.4	7.43	2	3	56	129	6	8	145	332	0.10	0.27	2	13	8.8		1.98	10	< 0.01
14	Sun	3.3	7.35	4		113		8		258		0.02		1		8.8		3.46	20	< 0.01
15	Mon	4.3	7.18	4		159		14		585		0.31		13		9.0		2.24	52	< 0.01
16	Tue	5.6	7.32	4		223		7		372		0.08		4		8.9		4.82	156	< 0.01
17	Wed	3.4	7.37	4		117		12		401		0.04		1		8.7		2.99	38	< 0.01
18	Thu	6.5	7.67	6		363		10		616		0.23		14		8.5		1.79	42	< 0.01
19	Fri	5.3	6.83	3		155		10		500		0.07		3		8.8		2.79	54	< 0.01
20	Sat	4.6	7.13	3	4	116	178	6	10	268	428	0.06	0.12	3	6	8.8		2.70	35	< 0.01
21	Sun	4.7	7.45	3		151		8		356		0.43		19		8.6		3.09	56	< 0.01
22	Mon	4.8	7.25	3		144		8		372		0.34		16		8.6		2.89	22	< 0.01
23	Tue	3.5	7.09	6		183		6		200		0.13		4		8.5		2.70	27	< 0.01
24	Wed	2.5	7.43	2		49		6		146		0.03		1		8.8		2.35	22	< 0.01
25	Thu	3.3	7.41	< 2		33		10		311		0.04		1		9.1		2.16	20	< 0.01
26	Fri	3.5	7.46	3		111		8		278		0.03		1		8.8		2.09	28	< 0.01
27	Sat	4.4	7.05	3	3	145	117	7	8	299	280	0.12	0.16	5	7	9.0		1.89	34	< 0.01
28	Sun	3.1	7.37	3		83		7		201		0.03		1		9.3		3.02	8	< 0.01
29	Mon	3.2	7.38	3		107		5		163		0.04		1		9.4		2.86	25	< 0.01
30	Tue	3.1	7.54	2		69		9		272		0.04		1		9.6		2.86	29	< 0.01
31	Wed	3.2	7.35	5	5	141	160	26	11	815	349	0.05	0.10	2	3	9.6		2.00	21	< 0.01
AVERAGE		4.0	7.29	3		134		8		338		0.14		6		8.7		2.62	30	< 0.01
MAXIMUM		6.5	7.67	6	5	363	178	26	11	823	428	0.75	0.27	46	13	9.6		4.82	156	< 0.01
MINIMUM		2.4	6.83	<2		33		1		38		0.02		1		7.9		1.44	3	< 0.01
# OF DATA		31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		125	226	102		4169		262		10487		4		201		269.7		81.27	1188	< 0.01

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Oct-2007

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	370	190			41	0	303	6	2	86		
2	Tue	240	190			39	0	304	6	2	83		
3	Wed	210	170			39	0	300	6	2	94		
4	Thu	270	150			39	0	297	6	2	114		
5	Fri	220	180			38	0	304	6	2	134		
6	Sat	240	180			39	0	320	6	2	127		
7	Sun	150	120			39	0	315	6	2	127		
8	Mon	230	140			40	0	313	6	2	129		
9	Tue	250	150			39	0	307	6	2	148		
10	Wed	220	100			40	0	303	6	2	146		
11	Thu	320	300			44	0	304	6	1	68		
12	Fri	240	200			39	0	303	6	2	86		
13	Sat	140	80			39	0	298	6	2	86		
14	Sun	200	140			39	0	293	6	2	85		
15	Mon	150	110			39	0	287	6	2	85		
16	Tue	350	190			41	0	286	6	2	64		
17	Wed	220	120			39	0	287	6	2	83		
18	Thu	360	300			45	0	289	6	1	51		
19	Fri	360	140	27	27	40	0	296	6	2	67		
20	Sat	240	180			39	0	297	6	2	83		
21	Sun	240	120			39	0	299	6	2	85		
22	Mon	220	170			38	0	297	6	2	75		
23	Tue	240	160			35	0	297	6	2	77		
24	Wed	330	110			33	0	296	6	2	84		
25	Thu	210	160	27		36	0	298	6	2	83		
26	Fri	200	80	27		39	0	299	6	2	82		
27	Sat	260	220			40	0	302	6	2	64		
28	Sun	180	100			39	0	303	6	2	88		
29	Mon	180	60			39	0	301	6	2	82		
30	Tue	160	100		27	38	10	295	6	2	83		
31	Wed	170	120			35	2	306	6	2	86		
AVERAGE		238	153	3	2	39	0	300	6	2	91		
MAXIMUM		370	300	27	27	45	10	320	6	2	148		
MINIMUM		140	60	27	27	33	0	286	6	1	51		
# OF DATA		31	31	3	2	31	31	31	31	31	31		
TOTAL		7370	4730	81	54	1213	12	9301	186	65	2835		

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: Oct-2007

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 Supernatant (gal x 1000)	Secondary to Storage Tank (gal x 1000)
1	Mon		5.41	70.6		1.97	56.7	6.64	96	2.85	53.7	6.73	96	49	4.67	54.2	6.83	22		0.0	48
2	Tue								96				96	17				35		0.0	
3	Wed								96				96	27				68		0.0	
4	Thu								96				96	37				80		0.0	
5	Fri								96				96	28				65		0.0	
6	Sat								96				96	21				36		0.0	
7	Sun								96				96	28				61		0.0	
8	Mon		2.93	69.6	6.12	2.31	54.3	6.76	96	2.37	51.9	6.91	96	29	4.47	54.1	6.90	14		0.0	26
9	Tue								96				96	31				65		0.0	
10	Wed								96				96	32				62		0.0	
11	Thu								96				96	37				71		0.0	
12	Fri								96				96	34				74		0.0	
13	Sat								96				96	33				67		0.0	
14	Sun								96				96	25				55		0.0	
15	Mon		5.47	64.1	6.21	2.14	56.8	6.73	96	4.15	58.8	6.98	96	37	4.42	54.1	6.98	13		0.0	29
16	Tue								96				96	29				54		0.0	
17	Wed								96				96	28				50		0.0	
18	Thu								96				96	32				71		0.0	
19	Fri								96				96	38				77		0.1	
20	Sat								96				96	29				52		0.1	
21	Sun								96				96	36				78		0.1	
22	Mon		4.08	64.5	6.12	2.37	52.8	6.71	96	4.24	55.4	6.87	96	33	5.36	51.7	7.01	18		0.1	23
23	Tue								96				96	18				44		0.1	
24	Wed								96				96	29				60		0.1	
25	Thu								96				96	25				49		0.1	
26	Fri								96				96	31				65		0.1	
27	Sat								96				96	23				53	0.09	0.1	
28	Sun								96				96	25				43	0.29	0.1	
29	Mon		4.59	59.7	5.79	4.91	47.4	6.57	96	3.21	54.1	6.87	97	36	5.10	54.6	6.75	15		0.0	26
30	Tue								96				97	47				88	0.16	0.1	
31	Wed								96				96	30				57	1.25	0.0	
AVERAGE			4.50	65.7	6.06	2.74	53.6	6.68	96	3.36	54.8	6.87	96	31	4.80	53.7	6.89	54	0.45	0.0	5
MAXIMUM			5.47	70.6	6.21	4.91	56.8	6.76	96	4.24	58.8	6.98	97	49	5.36	54.6	7.01	88	1.25	0.1	48
MINIMUM			2.93	59.7	5.79	1.97	47.4	6.57	96	2.37	51.9	6.73	96	17	4.42	51.7	6.75	13	0.09	0.0	
# OF DATA			5	5	4	5	5	5	31	5	5	5	31	31	5	5	5	31	4	31	31
TOTAL			22	329	24	14	268	33	2979	17	274	34	2976	955	24	269	34	1664	2	1	151

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Page 5 of 6

Date: Oct-2007

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 Rake Room						
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:	October 3rd			0.047							0.015				
2nd Date:	October 10th	20.0	<0.005	0.041	<0.005	0.005	0.050	<0.005	4.5		0.020				<0.005
3rd Date:	October 17th			0.070							0.017				
4th Date:	October 24th		0.050	0.360	0.019	0.032	0.990	0.007			0.020				<0.005
5th Date:	October 31st			0.050							0.033				
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	*See Note	0	NA	NA	0
Average		20.0	0.026	0.114	0.011	0.019	0.520	0.005	4.5		0.021				<0.003
Maximum		20.0	0.050	0.360	0.019	0.032	0.990	0.007	4.5		0.033				<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	5.4	4.7	5	3	178	134	11	8	428	338	0.27	0.14	13	6	7.9	7.67	< 0.01	156	30
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: Oct-2007
 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 9,636

Overall Percent Removal of Volatile Solids 39.4%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 22,147

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 477

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

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 762

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 27

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 :	34%	41%	-5%
Secondary Treatment :	80%	59%	37%
Adv. Sec. Treatment :	74%	67%	99%
Overall Treatment :	97%	92%	99%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.2	1.7	2.6
Secondary Settling Tank	3.1	1.2	1.9
Final Settling Tank	9.7	3.8	6.0
Chlorine Contact Tank	0.67	0.26	0.41
Total Plant Retention Time	17.0	6.7	10.5

Surface Flow Rate			
Gallons per sq ft per Day	Maximum	Minimum	Average
Primary Settling Tank	923	362	589
Secondary Settling Tank	1218	478	778
Final Settling Tank	621	244	397

Weir OverFlow Rate			
1000 Gal per ft per Day	Maximum	Minimum	Average
Primary Settling Tank	18	7	11
Secondary Settling Tank	15	6	9
Final Settling Tank	14	6	9

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:

October 24th - High influent metals due to presence of septage sample in influent during sample collection.

October 3, 16 - 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 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: _____

