

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

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

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 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	Thu	5.1		0.41		7.4	0.00	7.70	78	104	9.55	7.40	66	104	12.85	7.24	15	33	7.09	5.1		2.7		0.51	7.4	0.44	
2	Fri	8.7		0.38		14.8	0.00	7.45	49	60	8.25	7.32	46	78	9.17	7.12	13	46	5.56	6.6		3.2		0.13	9.4	0.08	
3	Sat	4.8		0.26		1.4	0.00	7.52	72	62	13.80	7.45	55	58	14.70	7.36	10	27	8.67	5.0		2.0		0.46	5.7	0.19	
4	Sun	5.0		0.02		2.9	0.00	7.49	65	38	12.20	7.27	52	48	12.15	7.11	10	24	7.22	5.1		2.2		0.47	6.3	0.27	
5	Mon	3.7					0.00	7.49	45	58	19.10	7.32	72	36	20.10	7.14	10	21	10.05	4.7		2.1		0.85	5.5	0.51	
6	Tue	4.4		0.13		0.4	0.00	7.48	78	76	16.10	7.41	58	42	16.80	7.20	11	19	8.49	5.0		2.7		0.74	5.7	0.30	
7	Wed	4.3				1.7	0.00	7.52	32	60	11.75	7.38	67	54	16.80	7.21	13	26	7.62	4.8	45	2.5	270	0.69	5.8	0.35	
8	Thu	5.2		0.22		0.8	0.00	7.53	82	108	13.20	7.39	49	74	14.70	7.16	19	36	8.32	5.7		2.9		0.66	6.5	0.25	
9	Fri	8.4		0.63		15.8	0.00	7.47	35	58	6.00	7.32	36	75	8.85	7.08	12	32	5.17	6.5		3.4		0.18	8.6	0.02	
10	Sat	4.5	5.1			0.3	0.00	7.44	60	42	10.50	7.32	45	44	10.10	7.18	8	20	4.73	4.9		1.9		0.52	5.6	0.27	
11	Sun	3.4					0.00	7.44	80	60	12.80	7.37	60	46	14.20	7.12	8	17	6.63	4.7		1.8		0.88	5.6	0.62	
12	Mon	4.2					0.00	7.50	88	98	12.40	7.44	64	64	13.90	7.45	13	29	7.73	4.6		2.1		0.62	5.8	0.39	
13	Tue	4.2					0.00	7.50	90	82	14.50	7.34	65	58	14.40	7.26	12	20	7.67	4.6		2.6		0.73	5.9	0.42	
14	Wed	4.5		0.05			0.00	7.44	215	492	13.35	7.34	67	64	11.70	7.20	13	27	5.85	4.8		2.5		0.63	5.6	0.26	
15	Thu	5.7		0.16		0.4	0.00	7.47	73	108	9.57	7.36	46	56	9.25	7.30	15	46	3.65	5.0		2.9		0.38	6.3	0.10	
16	Fri	3.7					0.00	7.51	103	122	13.50	7.43	62	59	12.70	7.24	11	22	5.71	4.6		2.0		0.77	5.4	0.46	
17	Sat	3.9	4.2	0.03			0.00	7.47	77	66	12.60	7.34	64	54	12.90	7.23	12	23	7.07	4.7		1.8		0.67	5.6	0.46	
18	Sun	4.6		0.13			0.00	7.56	83	70	12.00	7.44	59	58	11.00	7.25	12	25	5.62	5.2	225	2.3		0.65	5.9	0.29	
19	Mon	3.6					0.00	7.52	105	88	13.60	7.41	78	66	13.00	7.33	12	24	6.14	4.5		2.2		0.87	5.6	0.57	
20	Tue	3.9		0.07			0.00	7.50	100	82	16.00	7.38	73	92	13.60	7.21	12	24	6.29	4.7		2.4		0.78	5.4	0.37	
21	Wed	3.5		0.01			0.00	7.49	107	78	14.60	7.38	76	56	16.30	7.21	11	18	7.19	4.6		2.3		1.02	5.5	0.58	
22	Thu	5.4		0.52		4.9	0.00	7.81	42	172	12.10	8.46	76	104	18.45	7.25	15	42	7.55	5.2		2.7		0.46	6.7	0.25	
23	Fri	9.8		1.75		23.9	0.00	7.26	28	50	2.52	7.17	38	77	4.09	6.99	19	36	1.74	7.2		3.8		0.13	10.1	0.03	
24	Sat	9.8	5.8	0.06		18.6	0.00	7.25	7	240	6.84	7.16	28	96	7.24	7.05	11	37	4.19	7.3		3.8		0.13	9.9	0.01	
25	Sun	9.9		0.05		23.0	0.00	7.70	40	20	4.53	7.25	28	64	6.42	7.19	10	38	3.46	7.3		3.9		0.13	10.0	0.01	
26	Mon	8.4		0.05		11.8	0.00	7.40	37	34	7.29	7.21	34	60	8.38	7.04	10	37	6.42	6.4		3.3		0.16	8.6	0.02	
27	Tue	4.6		0.16			0.00	7.46	80	66	13.90	7.34	61	58	13.40	7.16	13	26	7.53	4.8		2.5	180	0.59	5.7	0.24	
28	Wed	4.9		0.01			0.00	7.40	74	57	15.70	7.24	50	46	14.70	7.04	11	26	7.48	4.7		2.4		0.45	5.9	0.20	
29	Thu	3.9		0.22			0.00	7.52	88	114	22.40	7.25	68	58	22.30	7.04	10	24	10.00	4.6		2.3		0.78	5.6	0.45	
30	Fri	9.8		2.00		23.5	0.00	7.07	30	68	1.97	7.08	43	116	6.15	7.07	13	54	4.32	7.2		3.8		0.12	12.0	0.23	
31	Sat	10.0				23.9	0.00	7.16	25	24	5.88	7.13	27	78	7.21	7.05	10	47	3.74	7.2		3.7		0.10	10.2	0.02	
AVERAGE		5.7		0.24		5.7	0.00	7.47	70	92	11.56	7.36	55	66	12.50	7.18	12	30	6.42	5.4	9	2.7	15	0.52	6.9	0.28	
MAXIMUM		10.0	5.8	2.00		23.9	0.00	7.81	215	492	22.40	8.46	78	116	22.30	7.45	19	54	10.05	7.3	225	3.9	270	1.02	12.0	0.62	
MINIMUM		3.4		0.01		0.0	0.00	7.07	7	20	1.97	7.08	27	36	4.09	6.99	8	17	1.74	4.5	45	1.8	180	0.13	5.4	0.01	
# OF DATA		31		22		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	2	31	2		31		
TOTAL		176		7.32		176	0	231	2168	2857	359	228	1714	2043	388	222	372	925	199	167	270	83	450		214		

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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	Thu	4.1	7.41	2		98		9		363		0.38		16		9.6		1.74	11	< 0.01
2	Fri	7.4	7.24	6		441		19		1373		0.05		4		9.3		1.79	44	< 0.01
3	Sat	3.9	7.57	< 2		40		4		161		0.42		17		9.1		1.72	6	< 0.01
4	Sun	4.0	7.29	4		153		7		290		0.54		22		9.1		1.85	9	< 0.01
5	Mon	2.8	7.30	3		77		4		122		0.02		1		9.2		1.48	5	< 0.01
6	Tue	3.5	7.30	3		103		4		148		0.02		1		9.2		1.68	4	< 0.01
7	Wed	3.4	7.29	3		101		3		108		0.24		9		9.1		1.93	8	< 0.01
8	Thu	4.3	7.25	3		139		14		584		1.66		72		9.3		1.73	2	< 0.01
9	Fri	7.1	7.22	5		321		11		768		0.51		36		8.8		1.79	154	< 0.01
10	Sat	3.6	7.32	2	3	86	140	4	7	149	310	0.16	0.45	6	21	9.3		1.86	6	< 0.01
11	Sun	2.6	7.25	2		57		4		115		0.07		2		9.2		1.88	11	< 0.01
12	Mon	3.3	7.73	2		84		12		418		0.07		2		9.1		1.58	22	< 0.01
13	Tue	3.2	7.36	3		90		5		156		0.20		7		9.4		1.79	6	< 0.01
14	Wed	3.5	7.35	3		108		9		336		0.12		4		9.6		1.44	13	< 0.01
15	Thu	4.6	7.36	2		109		9		403		0.02		1		9.7		1.99	55	< 0.01
16	Fri	2.8	7.35	2		62		2		62		0.11		3		9.4		2.20	39	< 0.01
17	Sat	3.0	7.41	< 2	2	32	78	5	6	161	236	0.10	0.10	3	3	9.6		1.67	7	< 0.01
18	Sun	3.6	7.50	< 2		38		6		228		0.09		3		7.8		1.70	11	< 0.01
19	Mon	2.7	7.45	< 2		30		2		60		0.09		3		8.5		2.28	26	< 0.01
20	Tue	3.0	7.50	< 2		33		5		165		0.10		3		9.1		1.88	29	< 0.01
21	Wed	2.6	7.43	< 2		29		6		173		0.09		3		9.2		1.83	23	< 0.01
22	Thu	4.3	7.48	3		121		17		765		0.14		6		9.2		2.55	28	< 0.01
23	Fri	8.6	6.53	7		548		19		1555		0.09		7		9.3		1.97	98	< 0.01
24	Sat	8.5	7.03	4	2	311	159	14	10	1144	584	0.19	0.11	16	6	9.8		2.14	58	< 0.01
25	Sun	8.6	7.08	4		338		15		1196		0.23		19		9.7		2.02	37	< 0.01
26	Mon	7.2	7.11	4		246		16		1126		0.28		20		9.4		2.08	69	< 0.01
27	Tue	3.7	7.37	2		84		6		230		0.17		7		9.3		2.04	8	< 0.01
28	Wed	4.0	7.23	2		86		4		164		0.11		5		9.7		2.35	9	< 0.01
29	Thu	3.0	7.43	< 2		32		5		145		0.10		3		9.6		2.35	8	< 0.01
30	Fri	11.0	7.20	6		513		24		1955		0.23		19		8.9		1.34	339	< 0.01
31	Sat	8.8	7.05	4		357		14		1163		0.13		11		9.8		1.78	73	< 0.01
AVERAGE		4.7	7.30	3		157		9		509		0.22		11		9.3		1.88	19	< 0.01
MAXIMUM		11.0	7.73	7	3	548	159	24	10	1955	584	1.66	0.45	72	21	9.8		2.55	339	< 0.01
MINIMUM		2.6	6.53	<2		29		2		60		0.02		1		7.8		1.34	2	< 0.01
# OF DATA		31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		146	226	87		4869		275		15785		7		330		287.3		58.43	1218	< 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	Thu	110	130			24	11	292	6	2	92		
2	Fri	140	220			28	0	290	6	2	95		
3	Sat	160	100			22	0	298	6	2	91		
4	Sun	140	100			20	0	297	6	2	90		
5	Mon	100	87			20	0	295	6	2	90		
6	Tue	140	100			31	0	292	6	2	90		
7	Wed	130	100			25	0	286	6	2	90		
8	Thu	150	180		14	22	0	284	6	2	91		
9	Fri	210	260			35	0	279	6	2	89		
10	Sat	130	120			24	0	303	6	2	90		
11	Sun	100	90			20	0	302	6	2	91		
12	Mon	160	90			20	0	300	6	2	91		
13	Tue	100	60			20	0	293	6	2	91		
14	Wed	140	100			24	0	289	6	2	91		
15	Thu	190	140			35	0	283	6	2	92		
16	Fri	120	100	20	41	20	0	278	6	2	90		
17	Sat	140	80			27	0	274	6	2	91		
18	Sun	160	80			23	0	273	6	2	92		
19	Mon	90	60			20	0	271	6	2	88		
20	Tue	120	60			21	0	273	6	2	95		
21	Wed	100	50			21	0	272	6	2	100		
22	Thu	190	120			24	0	274	6	2	88		
23	Fri	380	210	27	27	41	0	287	6	2	100		
24	Sat	350	320			33	0	296	6	2	111		
25	Sun	290	115			29	0	299	6	2	117		
26	Mon	300	185			23	0	299	6	2	100		
27	Tue	130	70			23	0	297	6	2	98		
28	Wed	200	90			29	0	294	6	2	99		
29	Thu	150	60	27		26	14	291	6	2	95		
30	Fri	440	260			44	0	267	6	2	94		
31	Sat	440	130			27	0	305	6	2	102		
AVERAGE		184	125	2	3	26	1	288	6	2	94		
MAXIMUM		440	320	27	41	44	14	305	6	2	117		
MINIMUM		90	50	20	14	20	0	267	6	2	88		
# OF DATA		31	31	3	3	31	31	31	31	31	31		
TOTAL		5700	3867	74	81	801	25	8931	186	70	2924		

Secondary Digester		Date:
<i>Sample Taken by Grab Method</i>		
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	Thu								96				98	35				82	0.66				
2	Fri								96				97	27				56			278		
3	Sat								96				97	10				24			280		
4	Sun								96				97	9				23			280		
5	Mon		3.60	66.4	6.42	2.51	51.9	6.87	96	2.46	52.3	6.93	97	18	1.98	57.5	7.02	37			265		102
6	Tue								96				94	15				37			265		112
7	Wed								96				88	12				29			265		
8	Thu								96				84	20				14			283		18
9	Fri								96				81	40				63			285		4
10	Sat								96				78	18				39			285		
11	Sun								96				76	11				19			285		
12	Mon		2.38	70.6	6.38	2.32	51.8	6.81	96				74	7	4.17	56.9	6.94	16			265		18
13	Tue								96				72	14				38			265		7
14	Wed								96				70	16				5			287		88
15	Thu								96				69	11				0			289		63
16	Fri								96				68	10				27			288		86
17	Sat								96				67	11				19			288		
18	Sun								96				66	10				24			288		
19	Mon		3.09	77.5	6.28	4.07	55.0	6.69	96				65	16	4.71	55.4	6.99	17			295		8
20	Tue								96				65	7				14			295		
21	Wed								94				59	9				18			294		
22	Thu								94				57	16				34			296		
23	Fri								95				56	28				58			302		
24	Sat								95				54	21				34			302		
25	Sun								95				54	25				46			302		
26	Mon		4.01	67.2	6.28	3.29	54.6	6.72	95				54	18	4.14	58.2	6.93	8			321		31
27	Tue								96				54	3				0			193		
28	Wed								96				54	18				12			193		
29	Thu								96				54	32				15			227		33
30	Fri								96				55	51				78			233		
31	Sat								96				54	26				43	0.09		232		
AVERAGE			3.27	70.4	6.34	3.05	53.3	6.77	96	2.46	52.3	6.93	71	18	3.75	57.0	6.97	30	0.38		274		18
MAXIMUM			4.01	77.5	6.42	4.07	55.0	6.87	96	2.46	52.3	6.93	98	51	4.71	58.2	7.02	82	0.66		321		112
MINIMUM			2.38	66.4	6.28	2.32	51.8	6.69	94	2.46	52.3	6.93	54	3	1.98	55.4	6.93	0	0.09		193		
# OF DATA			4	4	4	4	4	4	31	1	1	1	31	31	4	4	4	31	2	31	31		31
TOTAL			13	282	25	12	213	27	2964	2	52	7	2209	562	15	228	28	931	1		8507		569

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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 :	October 7th	825.0	<0.005	0.063	<0.005		<0.005	0.046	0.005	3.0		0.013					<0.005
2nd Date :	October 14th			0.120								0.016					
3rd Date :	October 21st		0.009	0.087	<0.005		0.006	0.078	<0.005			0.022					<0.005
4th Date :	October 28th			0.050								0.014					
5th Date :																	
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	NA		NA	NA	0
Average		825.0	0.006	0.080	<0.003		0.004	0.062	0.004	3.0 *		0.016 *		*	*		<0.003
Maximum		825.0	0.009	0.120	<0.005		0.006	0.078	0.005	3.0 *		0.022 *		*	*		<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	5.8	5.7	3	3	159	157	10	9	584	509	0.45	0.22	21	11	7.8	7.73	< 0.01	339	19
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-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 4,961

Overall Percent Removal of Volatile Solids 44.3%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 19,428

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 510

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 61

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 897

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 28

Fixed Bed Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 3

Biotower Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 4

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	21%	28%	-8%
Secondary Treatment :	78%	55%	49%
Adv. Sec. Treatment :	77%	70%	97%
Overall Treatment :	96%	90%	98%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	3.5	1.2	2.2
Secondary Settling Tank	2.6	0.9	1.6
Final Settling Tank	8.2	2.8	5.0
Chlorine Contact Tank	0.56	0.19	0.34
Total Plant Retention Time	14.3	4.9	8.7

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1245	430	708
Secondary Settling Tank	1643	568	934
Final Settling Tank	838	289	476

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	8	14
Secondary Settling Tank	20	7	11
Final Settling Tank	19	7	11

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:

10/1/2009 - WWTP offline from 11:00 am to 12:30 pm to replace a failing breaker in MCCO. The breaker supplies power to solids digestion facilities. Influent flow was diverted to CSO storage and then returned to the headworks after the work was completed.

10/6/2009 - Primary Digester #2 out of service for repair and cleaning. The work was still ongoing at the end of the month(10/31/2009)

10/23/2009 - Successful test of the emergency power system.

10/30/2009 - In response to 2.0 inches of rain, 3.0 MG of stored wet weather flow is returned to the biotowers for treatment per CSO plan. The WWTP successfully stored and treated all flows(no CSO) and met all limitations for this event. On 10/31/2009, the operation of the CSO system was returned to normal and all stored flows were pumped to the WWTP headworks.

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: _____

