

**MONTHLY REPORT OF OPERATION**

**Trickling Filter Wastewater Treatment Plant**

Date: Jul-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	Wed	5.3		0.02			0.00	7.52	76	117	7.70	7.21	46	46	6.66	7.03	11	25	2.57	4.6	60	2.7		0.38	6.3	0.18	
2	Thu	6.4		0.01			0.00	7.46	55	60	9.00	7.25	37	46	7.20	7.06	11	22	2.01	5.2		3.2	180	0.31	7.1	0.12	
3	Fri	5.0					0.00	7.51	60	48	6.55	7.27	45	26	6.16	7.08	10	16	1.77	4.7		2.2		0.37	6.1	0.21	
4	Sat	6.2	6.0	0.03			0.00	7.63	50	62	6.13	7.33	32	46	5.02	7.01	9	27	1.13	5.2		3.0		0.32	7.0	0.12	
5	Sun	5.3					0.00	7.53	65	54	8.24	7.27	33	38	7.36	7.00	8	18	3.28	4.6		2.5		0.34	6.3	0.19	
6	Mon	5.8					0.00	7.47	72	65	10.10	7.24	57	38	5.25	7.02	11	22	1.77	5.1		2.9		0.36	6.7	0.14	
7	Tue	5.0					0.00	7.48	68	72	10.20	7.21	48	46	8.42	7.00	11	24	2.20	4.6		2.5		0.43	5.9	0.18	
8	Wed	6.0		0.05			0.00	7.41	58	64	8.81	7.23	43	36	7.56	7.02	11	21	2.63	4.6		3.0		0.27	6.6	0.09	
9	Thu	5.6		0.01			0.00	7.47	62	208	7.36	7.23	40	32	6.69	7.01	12	20	2.11	4.6		3.1		0.36	6.6	0.17	
10	Fri	5.6					0.00	7.37	68	102	9.12	7.21	35	44	8.42	6.95	9	22	2.76	5.0		2.6		0.36	6.3	0.14	
11	Sat	8.4	6.0	1.10		8.7	0.00	7.34	33	64	3.75	7.14	37	48	4.10	6.91	15	37	1.40	6.5		3.4		0.19	8.9	0.05	
12	Sun	8.8				6.9	0.00	7.29	12	22	4.78	7.11	17	34	3.77	6.99	6	19	1.08	7.3		3.8		0.26	9.2	0.05	
13	Mon	7.8					0.00	7.35	47	55	5.36	7.14	33	44	4.54	6.97	8	24	1.35	7.3		3.8		0.41	8.3	0.06	
14	Tue	5.5					0.00	7.51	55	70	9.72	7.41	40	44	9.54	7.19	10	23	3.47	5.3		2.7		0.45	6.4	0.15	
15	Wed	6.4		0.21		1.8	0.00	7.47	76	72	10.10	7.35	60	64	9.52	7.26	13	30	2.47	5.2		3.1	120	0.31	7.0	0.09	
16	Thu	6.1		0.61		9.8	0.00	7.80	43	90	7.80	7.30	48	72	7.58	7.26	12	34	1.71	5.9		3.0		0.45	7.8	0.26	
17	Fri	9.2		0.60		14.3	0.00	7.55	40	34	5.14	7.41	43	32	5.68	7.33	8	23	1.36	7.2		3.8		0.19	9.5	0.04	
18	Sat	9.6	7.6	0.34		19.7	0.00	7.45	19	24	4.29	7.33	13	34	6.31	7.13	7	21	1.97	7.2		3.8		0.14	9.9	0.03	
19	Sun	9.3		0.03		15.8	0.00	7.56	18	38	7.09	7.45	21	32	8.32	7.24	8	22	2.83	7.2		3.8		0.18	9.6	0.02	
20	Mon	6.2				0.8	0.00	7.63	63	59	9.70	7.36	42	50	10.10	7.22	9	26	2.89	5.9		3.1		0.45	6.9	0.12	
21	Tue	5.6					0.00	7.40	65	74	10.50	7.33	48	44	10.50	7.21	11	29	4.00	5.4		2.9		0.47	6.4	0.14	
22	Wed	6.0					0.00	7.60	53	45	9.34	7.46	38	36	8.26	7.25	9	25	2.20	5.0		3.0		0.33	6.5	0.08	
23	Thu	5.3					0.00	7.45	67	114	11.20	7.39	46	62	10.35	7.26	11	30	3.51	5.3		2.8		0.53	6.2	0.17	
24	Fri	4.9					0.00	7.48	78	72	10.40	7.47	58	43	10.10	7.21	10	22	3.24	5.0		2.3		0.48	5.9	0.20	
25	Sat	8.1	6.5	0.21		6.4	0.00	7.46	42	46	5.42	7.40	41	62	6.68	7.24	11	33	2.32	7.2		3.9		0.36	8.4	0.04	
26	Sun	4.5					0.00	7.50	62	38	9.91	7.48	43	26	10.10	7.20	8	15	3.97	4.8		1.9		0.49	5.7	0.25	
27	Mon	5.5					0.00	7.43	80	48	10.60	7.35	59	26	10.30	7.28	10	16	5.05	4.8		2.3		0.30	6.1	0.11	
28	Tue	7.4		0.91		8.2	0.00	7.50	53	120	6.49	7.40	40	62	6.02	7.28	9	28	2.78	6.5		3.4		0.34	7.9	0.07	
29	Wed	9.1		0.01		12.6	0.00	7.47	17	14	5.53	7.38	15	30	4.74	7.18	8	18	1.75	7.2		3.8		0.21	9.4	0.02	100
30	Thu	7.9				8.0	0.00	7.51	44	50	4.87	7.43	36	52	6.70	7.34	10	30	3.35	7.1	45	3.8	240	0.39	8.3	0.06	
31	Fri	5.0					0.00	7.46	62	78	9.34	7.39	40	39	9.41	7.28	9	21	4.00	4.9		2.1		0.41	5.7	0.15	
AVERAGE		6.5		0.13		3.6	0.00	7.48	54	67	7.89	7.32	40	43	7.46	7.14	10	24	2.55	5.7	3	3.0	17	0.35	7.2	0.12	3
MAXIMUM		9.6	7.6	1.10		19.7	0.00	7.80	80	208	11.20	7.48	60	72	10.50	7.34	15	37	5.05	7.3	60	3.9	240	0.53	9.9	0.26	100
MINIMUM		4.5		0.01		0.0	0.00	7.29	12	14	3.75	7.11	13	26	3.77	6.91	6	15	1.08	4.6	45	1.9	120	0.14	5.7	0.02	100
# OF DATA		31		14		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	2	31	3		31		1
TOTAL		203		4.14		113	0	232	1662	2079	245	227	1233	1334	231	221	303	742	79	177	105	94	540		225		100

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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	Wed	4.9	7.34	3		110		5		221		0.03		1		8.4		1.49	33	< 0.01
2	Thu	5.8	7.36	3		143		8		399		0.06		3		8.6		1.54	23	< 0.01
3	Fri	4.7	7.44	3		105		1		42		0.11		5		8.7		1.68	16	< 0.01
4	Sat	5.8	7.29	4	3	208	142	17	8	882	435	0.03	0.04	2	2	8.9		1.47	45	< 0.01
5	Sun	4.9	7.36	< 2		44		4		177		0.06		3		9.0		1.66	13	< 0.01
6	Mon	5.4	7.41	3		122		7		341		0.02		1		9.0		1.79	22	< 0.01
7	Tue	4.6	7.36	3		112		10		393		0.06		2		8.6		1.21	41	< 0.01
8	Wed	5.5	7.50	3		140		6		301		0.08		4		9.0		1.38	67	< 0.01
9	Thu	5.3	7.23	2		113		2		70		0.09		4		8.7		1.26	63	< 0.01
10	Fri	5.2	7.35	2		102		7		326		0.06		3		8.4		1.43	64	< 0.01
11	Sat	7.7	7.18	4	3	281	131	12	7	843	350	0.06	0.06	4	3	8.2		1.40	261	< 0.01
12	Sun	8.0	7.24	< 2		73		7		512		0.06		4		8.3		1.68	96	< 0.01
13	Mon	7.1	7.18	3		202		13		848		0.08		5		8.1		1.75	79	< 0.01
14	Tue	5.1	7.53	< 2		46		10		437		0.07		3		8.5		1.52	7	< 0.01
15	Wed	6.0	7.56	3		175		10		530		0.02		1		8.7		1.19	156	< 0.01
16	Thu	5.6	7.54	3		154		15		744		0.01		1		8.3		1.38	152	< 0.01
17	Fri	8.3	7.50	3		223		7		538		0.05		4		8.1		1.67	60	< 0.01
18	Sat	8.6	7.44	3	2	216	156	7	10	561	596	0.01	0.04	1	3	8.6		1.63	100	< 0.01
19	Sun	8.3	7.46	3		249		12		895		0.17		13		8.5		1.69	144	< 0.01
20	Mon	5.6	7.45	< 2		52		8		412		0.04		2		8.5		1.11	30	< 0.01
21	Tue	5.1	7.59	2		99		9		423		0.10		5		8.5		1.62	23	< 0.01
22	Wed	5.5	7.57	3		136		8		403		0.07		4		8.6		1.86	73	< 0.01
23	Thu	4.8	7.67	2		92		7		308		0.08		4		8.6		1.49	24	< 0.01
24	Fri	4.5	7.55	2		95		2		82		0.05		2		8.4		1.62	19	< 0.01
25	Sat	7.4	7.46	4	2	244	138	15	9	1015	505	0.10	0.09	7	5	8.3		1.60	212	< 0.01
26	Sun	4.2	7.63	6		208		6		227		0.51		19		8.4		1.98	22	< 0.01
27	Mon	5.0	7.56	2		92		2		92		0.10		5		8.5		1.71	166	< 0.01
28	Tue	6.6	7.51	3		166		13		769		0.30		18		8.1		1.38	13	< 0.01
29	Wed	8.2	7.38	2		153		7		496		0.06		5		7.9		1.77	71	< 0.01
30	Thu	7.1	7.49	3		216		15		950		0.01		1		7.9		1.75	67	< 0.01
31	Fri	4.6	7.68	2		88		6		250		0.01		0		8.4		1.55	108	< 0.01
AVERAGE		6.0	7.44	3		144		8		467		0.08		4		8.5		1.56	50	< 0.01
MAXIMUM		8.6	7.68	6	3	281	156	17	10	1015	596	0.51	0.09	19	5	9.0		1.98	261	< 0.01
MINIMUM		4.2	7.18	<2		44		1		42		0.01		0		7.9		1.11	7	< 0.01
# OF DATA		31	31	31		31		31		31		31		31		31		31	31	31
TOTAL		185	231	81		4457		254		14484		3		135		262.7		48.26	2270	< 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	Wed	150	100			20	5	293	6	2	86		
2	Thu	120	120			27	0	290	6	2	86		
3	Fri	260	100			28	0	294	6	2	86		
4	Sat	210	120			22	0	291	6	2	85		
5	Sun	210	94			22	0	285	6	2	87		
6	Mon	170	86			23	0	279	6	2	86		
7	Tue	130	80			22	0	277	6	2	86		
8	Wed	190	120			24	0	277	6	2	86		
9	Thu	170	120			28	0	275	6	2	85		
10	Fri	200	100			25	0	273	6	2	85		
11	Sat	290	160			28	0	273	6	2	83		
12	Sun	260	140			21	0	274	6	2	84		
13	Mon	250	140			23	0	273	6	2	84		
14	Tue	220	100		41	20	4	274	6	2	85		
15	Wed	280	140			26	0	276	6	2	84		
16	Thu	160	110			27	0	273	6	2	85		
17	Fri	300	190	27	34	31	0	271	6	2	83		
18	Sat	260	180			28	0	273	6	2	84		
19	Sun	240	180			23	0	291	6	2	84		
20	Mon	280	120			26	0	298	6	2	85		
21	Tue	200	110			22	0	300	6	2	83		
22	Wed	200	130			20	0	299	6	2	84		
23	Thu	160	90			20	0	294	6	2	86		
24	Fri	100	90			20	0	290	6	2	84		
25	Sat	268	160			32	0	284	6	2	84		
26	Sun	140	80			20	0	295	6	2	85		
27	Mon	140	80	27	47	21	0	296	6	2	84		
28	Tue	210	100			23	0	295	6	2	83		
29	Wed	270	100			28	0	294	6	2	84		
30	Thu	220	170			22	0	299	6	2	86		
31	Fri	160	80			21	0	301	6	2	84		
AVERAGE		207	119	2	4	24	0	286	6	2	85		
MAXIMUM		300	190	27	47	32	5	301	6	2	87		
MINIMUM		100	80	27	34	20	0	271	6	2	83		
# OF DATA		31	31	2	3	31	31	31	31	31	31		
TOTAL		6418	3690	54	122	741	9	8858	186	70	2624		

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		
<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	Wed								96				98	2				7							
2	Thu								96				98	14				9						127	
3	Fri								96				98	16				37						107	
4	Sat								96				98	14				28						107	
5	Sun								96				98	2				10						106	
6	Mon		0.86	74.7	6.15	1.94	56.5	6.81	96	3.82	56.1	7.05	98	45	4.26	52.4	6.95	34						148	43
7	Tue								96				98	4				1						147	
8	Wed								96				98	5				0						107	
9	Thu								96				98	13				19						106	
10	Fri								96				99	15				41						106	
11	Sat								96				99	13				37	0.08					108	
12	Sun								96				99	16				35						108	
13	Mon		3.97	66.1	6.37	1.98	51.8	6.85	96	3.44	41.8	7.06	99	29	4.56	53.9	6.99	2						142	36
14	Tue								96				99	2				0						141	
15	Wed								96				99					0						141	
16	Thu								96				99	16				23						143	
17	Fri								96				99	14				34						144	
18	Sat								96				99	31				74						145	
19	Sun								96				99	11				27						132	
20	Mon		3.26	70.4	6.84	1.69	51.0	6.83	96	1.91	46.8	7.16	99	17	5.46	50.5	7.02	34						131	
21	Tue								96				99	38				23						177	48
22	Wed								96				99	6				4						177	
23	Thu								96				99	1				3						176	
24	Fri								96				99	6				3						175	
25	Sat								96				99	24				59	0.13					176	
26	Sun								96				99	15				35						175	
27	Mon		1.47	74.7	6.54	2.06	48.1	6.88	96	1.63	56.3	7.13	99	12				26						163	
28	Tue								96				99	22				9						190	26
29	Wed								96				99	5				4						189	
30	Thu								96				99	13				33						189	
31	Fri								96				99	14				34						188	
AVERAGE			2.39	71.5	6.48	1.92	51.9	6.84	96	2.70	50.3	7.10	99	14	4.76	52.3	6.99	22	0.11					144	5
MAXIMUM			3.97	74.7	6.84	2.06	56.5	6.88	96	3.82	56.3	7.16	99	45	5.46	53.9	7.02	74	0.13					190	48
MINIMUM			0.86	66.1	6.15	1.69	48.1	6.81	96	1.63	41.8	7.05	98		4.26	50.5	6.95	0	0.08					106	
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	3	3	3	31	2	31	31			31	31
TOTAL			10	286	26	8	207	27	2977	11	201	28	3059	436	14	157	21	687	0					4475	153

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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:	July 1st, 2009			0.039							0.015				
2nd Date:	July 8th, 2009		<0.005	0.029	<0.005	<0.005	0.053	<0.005			0.010				<0.005
3rd Date:	July 15th, 2009			0.040							0.017				
4th Date:	July 22nd, 2009		<0.005	0.032	<0.005	<0.005	0.034	<0.005			0.015				<0.005
5th Date:	July 29th, 2009			0.046							0.017				
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	0
Average			<0.003	0.037	<0.003	<0.003	0.044	<0.003	*	*	0.015	*	*	*	<0.003
Maximum			<0.005	0.046	<0.005	<0.005	0.053	<0.005	*	*	0.017	*	*	*	<0.005

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

**Other Permit Analysis**

	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Weekly Av	Monthly	Daily		Daily Max	Mnthly Av	
	FLOW	Average	CBOD	Average	CBOD	Average	TSS	Average	TSS	Average	NH3-N	Average	NH3-N	Average	Dissolved	pH	Chlorine	Escherichia	Escherichia
	in	in	in	in	in	in	in	in	in	in	in	in	in	in	Oxygen*		Residual	Coliform	Coliform
	MGD	MGD	mg/L	mg/L	lbs/Day	lbs/Day	mg/L	mg/L	lbs/Day	lbs/Day	mg/L	mg/L	lbs/Day	lbs/Day	mg/L		in	(Colonies	(Colonies
																	mg/L	/100mL)	/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	7.6	6.5	3	3	156	144	10	8	596	467	0.09	0.08	5	4	7.9	7.68	< 0.01	261	50
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: Jul-09  
 LaPorte Wastewater Treatment Plant  
 2101 Boyd Boulevard, La Porte IN 46350  
 Phone # (219)362-2354

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

Total lbs Volatile Solids to Digester 3,406

Overall Percent Removal of Volatile Solids 56.3%

#### Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	26%	36%	5%
Secondary Treatment :	75%	44%	66%
Adv. Sec. Treatment :	73%	66%	97%
Overall Treatment :	95%	88%	99%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 17,226

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 539

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	2.7	1.3	1.9
Secondary Settling Tank	2.0	0.9	1.4
Final Settling Tank	6.2	2.9	4.3
Chlorine Contact Tank	0.43	0.20	0.30
Total Plant Retention Time	10.9	5.1	7.5

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 70

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 942

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 23

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1201	566	819
Secondary Settling Tank	1586	748	1081
Final Settling Tank	808	381	551

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

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	23	11	16
Secondary Settling Tank	19	9	13
Final Settling Tank	18	9	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:

7/16/2009 - WWTP out of service from 7:00 am to 10:00 am to clean influent channel and screen channels. Influent flow was diverted to the CSO basin for storage and later treatment.

7/24/2009 - WWTP on emergency power for 1 hour to test emergency power system. The test was successful.

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: \_\_\_\_\_

