

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jun-13
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

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 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 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	Sat	3.6		0.19			0.00	7.60	112	102	15.15	7.48	91	56	13.77	7.31	11	19	4.92	4.8			1.8		0.85	5.7	0.58	
2	Sun	3.0					0.00	7.70	153	102	18.66	7.55	74	56	22.69	7.46	10	14	8.38	4.7			1.8		1.20	4.8	0.62	
3	Mon	4.4					0.00	7.74	80	98	12.70	7.57	60	68	14.57	7.26	13	38	8.07	4.7	60		2.1		0.56	6.7	0.54	
4	Tue	3.5					0.00	7.62	116	108	15.70	7.50	68	126	15.72	7.26	15	26	6.36	4.8			2.3		1.01	5.2	0.48	
5	Wed	3.0					0.00	7.71	150	154	18.66	7.48	71	68	20.23	7.28	14	34	8.91	4.8			2.3		1.37	5.1	0.71	
6	Thu	3.2		0.02			0.00	7.62	116	144	19.28	7.49	73	66	20.31	7.21	13	33	8.59	4.7			2.4		1.21	5.6	0.75	
7	Fri	4.4					0.00	7.69	131	148	13.01	7.56	75	62	14.03	7.25	12	31	6.65	4.7			2.0		0.51	6.7	0.52	
8	Sat	2.7	3.5				0.00	7.57	150	158	21.17	7.47	123	58	18.06	7.29	11	22	5.61	4.7			1.8		1.40	5.0	0.82	
9	Sun	2.7		0.07			0.00	7.54	183	144	24.04	7.45	97	72	23.77	7.23	13	25	9.16	4.7			1.8		1.43	4.9	0.85	
10	Mon	8.8		0.60		9.2	0.00	7.49	83	172	7.16	7.42	53	52	8.12	7.16	14	44	4.53	7.1			3.2		0.17	12.5	0.42	
11	Tue	6.6		0.10		0.7	0.00	7.67	58	86	10.87	7.55	43	66	9.83	7.31	10	34	4.84	6.0			2.8		0.35	10.3	0.56	
12	Wed	5.0		0.54		3.7	0.00	7.54	97	107	10.55	7.50	59	78	12.86	7.16	1	33	6.76	5.1			2.5		0.52	7.4	0.48	
13	Thu	7.8		0.27		5.4	0.00	7.75	42	96	7.51	7.55	44	52	9.62	7.25	12	14	4.60	6.4			3.2		0.23	11.4	0.47	
14	Fri	4.7					0.00	7.69	75	132	16.72	7.54	48	52	17.10	7.25	6	26	8.71	4.7			1.9		0.42	7.2	0.54	
15	Sat	2.8	5.5	0.06			0.00	7.57	113	108	20.00	7.46	72	60	19.42	7.31	7	19	7.57	4.7			1.8		1.31	4.8	0.72	
16	Sun	2.9					0.00	7.58	98	90	16.48	7.48	71	48	17.31	7.27	12	19	6.56	4.6			1.8		1.21	5.2	0.80	
17	Mon	4.1		0.05			0.00	7.62	119	176	14.66	7.44	70	68	11.78	7.21	14	30	5.20	4.6			2.1		0.64	6.3	0.52	
18	Tue	3.7		0.02			0.00	7.65	109	106	19.71	7.53	68	60	15.44	7.28	9	16	5.05	4.7			2.3		0.90	5.4	0.45	
19	Wed	2.8					0.00	7.66	160	152	20.75	7.55	92	78	23.18	7.35	11	21	10.43	4.7			2.3		1.55	4.8	0.74	
20	Thu	3.0					0.00	7.60	115	98	18.44	7.46	81	52	18.84	7.17	11	13	6.75	4.7			2.3		1.35	5.3	0.78	
21	Fri	5.2		0.56		1.9	0.00	7.64	77	130	9.35	7.45	80	97	11.53	7.37	12	37	5.53	5.1			2.2		0.39	7.8	0.50	
22	Sat	3.9	3.7				0.00	7.62	65	38	10.83	7.51	54	36	11.31	7.36	8	18	4.48	4.7			1.8		0.66	6.0	0.51	
23	Sun	2.7					0.00	7.57	137	106	19.01	7.53	89	60	19.40	7.35	9	22	6.72	4.7			1.8		1.40	4.8	0.76	
24	Mon	3.6		0.23		1.7	0.00	7.68	112	86	15.48	7.50	89	54	15.83	7.28	15	15	6.20	5.0			2.2		1.00	6.0	0.66	
25	Tue	5.2		1.15		3.1	0.00	7.63	57	92	9.61	7.56	52	84	10.47	7.34	12	17	6.32	5.1			2.5	160	0.47	7.6	0.47	
26	Wed	9.7		3.82		19.2	0.63	7.45	37	169	4.42	7.37	20	64	6.42	7.11	7	42	3.10	7.4			3.6		0.14	13.5	0.39	
27	Thu	9.8		0.05		19.9	0.00	7.44	32	50	5.18	7.36	40	64	5.14	7.11	5	38	2.53	7.4			3.8		0.15	13.5	0.38	
28	Fri	9.9				21.4	0.00	7.43	38	58	5.00	7.34	39	66	5.34	7.13	10	44	2.41	7.4			3.8		0.13	13.7	0.39	
29	Sat	9.8	7.2	0.11		16.2	0.00	7.40	43	44	4.60	7.28	26	38	5.24	7.10	7	20	2.41	7.4			3.9		0.16	13.6	0.39	
30	Sun	9.8		0.02		15.5	0.00	7.41	17	16	5.75	7.32	19	38	6.68	7.13	2	19	2.67	7.4			3.9		0.16	13.6	0.39	
AVERAGE		5.1		0.26		3.9	0.02	7.60	96	109	13.68	7.47	65	63	14.13	7.25	10	26	6.00	5.4	2		2.5	5	0.76	7.7	0.57	
MAXIMUM		9.9	7.2	3.82		21.4	0.63	7.75	183	176	24.04	7.57	123	126	23.77	7.46	15	44	10.43	7.4	60		3.9	160	1.55	13.7	0.85	
MINIMUM		2.7		0.02		0.0	0.00	7.40	17	16	4.42	7.28	19	36	5.14	7.10	1	13	2.41	4.6	60		1.8	160	0.13	4.8	0.38	
# OF DATA		30		17		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1		30	1		30		
TOTAL		152		7.86		118	1	228	2873	3270	410	224	1939	1899	424	218	304	782	180	162	60		74	160		230		

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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	Sat	3.1	7.67	7.27	6		173		5		150		0.17		5		8.3		0.92	3	< 0.01
2	Sun	2.6	7.81	7.56	5		131		2		50		0.17		4		8.6		0.98	5	< 0.01
3	Mon	4.0	7.70	7.50	4		135		15		547		0.59		22		9.1		1.14	127	< 0.01
4	Tue	3.1	7.70	7.54	9		262		9		265		0.24		7		8.5		1.58	25	< 0.01
5	Wed	2.4	7.74	7.48	8		199		11		274		0.33		8		8.6		1.24	90	< 0.01
6	Thu	2.8	7.65	7.49	7		185		10		268		0.27		7		8.7		1.28	2	< 0.01
7	Fri	3.9	7.65	7.50	8		284		16		591		0.28		10		8.7		1.41	69	< 0.01
8	Sat	2.3	7.85	7.56	5	6	111	187	7	10	158	308	0.13	0.29	3	9	8.6		0.89	11	< 0.01
9	Sun	2.3	7.74	7.54	3		71		13		278		0.24		5		8.6		0.97	5	< 0.01
10	Mon	7.6	7.47	7.06	7		491		25		1831		0.46		34		8.0		1.14	534	< 0.01
11	Tue	5.8	7.73	7.37	4		241		19		1041		0.37		20		7.9		1.19	20	< 0.01
12	Wed	4.4	7.54	7.39	< 2		42		14		589		0.39		16		7.7		1.18	26	< 0.01
13	Thu	6.7	7.42	7.21	5		344		9		584		0.55		36		7.9		1.14	36	< 0.01
14	Fri	4.1	7.47	7.35	5		184		10		391		0.47		18		8.2		1.21	34	< 0.01
15	Sat	2.4	7.79	7.44	7	5	151	218	9	14	209	703	0.36	0.41	8	20	8.1		0.80	5	< 0.01
16	Sun	2.5	7.83	7.39	5		126		6		133		0.26		6		8.1		0.71	11	< 0.01
17	Mon	3.8	7.61	7.34	6		210		17		586		0.39		13		8.2		1.24	88	< 0.01
18	Tue	3.2	7.72	7.33	4		136		6		170		0.20		6		7.9		1.18	44	< 0.01
19	Wed	2.5	7.74	7.49	4		99		6		138		0.50		12		7.9		1.13	7	< 0.01
20	Thu	2.6	7.58	7.46	5		122		4		87		0.61		15		8.1		1.11	29	< 0.01
21	Fri	4.5	7.64	7.40	6		270		32		1391		0.60		26		7.9		1.24	54	< 0.01
22	Sat	3.5	7.87	7.46	5	5	148	159	8	11	263	395	0.25	0.40	8	12	7.7		1.34	30	< 0.01
23	Sun	2.4	7.69	7.49	3		68		15		330		0.25		6		7.4		1.52	8	< 0.01
24	Mon	3.1	7.61	7.55	6		184		3		90		0.61		18		7.8		1.33	17	< 0.01
25	Tue	4.4	7.63	7.27	8		324		5		195		0.56		24		8.0		1.02	55	< 0.01
26	Wed	12.5	7.30	6.85	6		461		24		1943		0.47		38		7.8		1.30	118	< 0.01
27	Thu	12.6	7.16	6.98	4		327		26		2083		0.38		31		7.3		1.46	57	< 0.01
28	Fri	9.9	7.26	7.01	4		362		36		2965		0.39		32		7.4		1.51	36	< 0.01
29	Sat	8.4	7.34	7.15	5	5	374	300	8	17	651	1180	0.44	0.44	36	26	7.9		1.46	14	< 0.01
30	Sun	8.3	7.30	7.12	4		350		7		569		0.39		32		8.3		1.58	30	< 0.01
AVERAGE		4.7			5		219		12		627		0.38		17		8.1		1.21	25	< 0.01
MAXIMUM		12.6	7.87		9	6	491	300	36	17	2965	1180	0.61	0.44	38	26	9.1		1.58	534	< 0.01
MINIMUM		2.3		6.85	<2		42		2		50		0.13		3		7.3		0.71	2	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		142	228	221	158		6566		374		18821		11		509		243.2		36.20	1590	< 0.01

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Expires 12-31-2014

Certified Operator : Jerry P Jackson

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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	Sat	90	50			28	0	275	6	2	85		
2	Sun	80	60			23	0	273	6	2	92		
3	Mon	40	80			22	5	232	6	2	86		
4	Tue	130	40			23	0	289	6	2	94		
5	Wed	40	40			23	0	288	6	2	85		
6	Thu	70	60			23	0	290	6	2	86		
7	Fri	90	70			22	4	295	6	2	86		
8	Sat	70	50			22	0	290	6	2	93		
9	Sun	50	50			22	0	284	6	2	87		
10	Mon	180	110			36	0	282	6	2	94		
11	Tue	120	100			26	0	274	6	2	90		
12	Wed	100	60			30	0	268	6	2	86		
13	Thu	160	120			33	0	260	6	2	87		
14	Fri	130	70	27	14	25	0	269	6	2	93		
15	Sat	60	50			26	0	258	6	2	86		
16	Sun	50	50			24	0	254	6	2	85		
17	Mon	80	50			23	0	257	6	2	85		
18	Tue	80	20			24	0	252	6	2	83		
19	Wed	60	100			21	0	247	6	2	84		
20	Thu	40	50			20	0	245	6	2	84		
21	Fri	100	70			29	0	245	6	2	83		
22	Sat	90	60			28	0	241	6	2	84		
23	Sun	60	50			20	0	238	6	2	83		
24	Mon	70	70			26	0	236	6	2	83		
25	Tue	80	80		41	32	0	241	6	2	83		
26	Wed	280	240			46	0	244	6	2	95		
27	Thu	300	220	27		21	0	247	6	2	90		
28	Fri	240	180			22	0	255	6	2	88		
29	Sat	220	140			21	0	260	6	2	100		
30	Sun	190	150			22	0	265	6	2	87		
AVERAGE		112	85	2	2	25	0	262	6	2	88		
MAXIMUM		300	240	27	41	46	5	295	6	2	100		
MINIMUM		40	20	27	14	20	0	232	6	2	83		
# OF DATA		30	30	2	2	30	30	30	30	30	30		
TOTAL		3350	2540	54	54	765	9	7852	180	68	2625		

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		

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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	Sat								95				97	9				0						
2	Sun								95				97	26				52				86		
3	Mon		1.44	70.0	6.67	1.41	55.9	7.29	95	2.66	55.9	7.09	97	26	3.99	55.3	7.06	29					14	
4	Tue								95				97	16				39	0.17			97		
5	Wed								95				97	16				39	0.26			97		
6	Thu								95				97	17				45	1.81			97		
7	Fri								95				97	26				21	2.28			122		26
8	Sat								95				97	9				0				121		
9	Sun								95				97	14				37				121		
10	Mon		1.79	79.9	6.72	1.59	54.4	7.02	95	2.10	57.2	7.03	97	34	3.88	56.5	7.14	23				153		31
11	Tue								95				97	13				19				153		
12	Wed								96				97	23				49				155		
13	Thu								96				97	41				86				136	17.0	
14	Fri								96				97	15				32				103	30.7	
15	Sat								96				97	20				46				95	7.9	
16	Sun								96				97	15				26	0.52			95		
17	Mon		2.81	70.9	5.95	1.41	58.1	7.19	95	1.87	60.1	7.01	97	21	4.03	58.0	7.12	0				120		26
18	Tue								95				97	8				0				102	16.8	
19	Wed								95				97	24				55				101		
20	Thu								95				97	15				32				101		
21	Fri								95				97	26				58				101		
22	Sat								95				97	13				31				101		
23	Sun								95				97	17				47				100		
24	Mon		2.68	73.7	6.28	2.38	52.4	7.15	95	2.05	55.2	7.04	97	26	4.23	58.0	7.18	18				127	0.0	27
25	Tue								95				97	16				12				110	17.2	
26	Wed								95				97	65				129				116	5.1	
27	Thu								95				97	18				33				115		
28	Fri								95				97	21				43				108	6.5	
29	Sat								95				97	11				30				109		
30	Sun								95				97	16				41				109		
AVERAGE			2.18	73.6	6.41	1.70	55.2	7.16	95	2.17	57.1	7.04	97	20	4.03	57.0	7.13	36	1.01			111	3.4	4
MAXIMUM			2.81	79.9	6.72	2.38	58.1	7.29	96	2.66	60.1	7.09	97	65	4.23	58.0	7.18	129	2.28			155	30.7	31
MINIMUM			1.44	70.0	5.95	1.41	52.4	7.02	95	1.87	55.2	7.01	97	8	3.88	55.3	7.06	0	0.17			85		
# OF DATA			4	4	4	4	4	4	30	4	4	4	30	30	4	4	4	30	5	30	30	30	30	30
TOTAL			9	295	26	7	221	29	2862	9	228	28	2907	615	16	228	29	1070	5			3336	101	124

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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 :	June 12th, 2013	0.006	0.048	<0.005	0.008	0.062		<0.005	0.026	<0.005	0.005	0.025			
2nd Date :	June 25th, 2013	0.012	0.056	0.015	0.016	0.120		<0.005	0.021	<0.005	<0.005	0.030			
3rd Date :	June 26th, 2013	0.012	0.079	<0.005	0.010	0.340		<0.005	0.024	<0.005	<0.005	0.036			
4th Date :															
5th Date :															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.010	0.061	0.007	0.011	0.174		<0.003	0.024	<0.003	0.003	0.030			
Maximum		0.012	0.079	0.015	0.016	0.340		<0.005	0.026	<0.005	0.005	0.036			

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	7.2	5.1	6	5	300	219	17	12	1180	627	0.44	0.38	26	17	7.3	7.87	< 0.01	534	25
% of Limit	103%	72%	22%	26%	12%	13%	46%	52%	39%	31%	18%	24%	13%	13%	122%				
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: Jun-13
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

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 Permit # IN0025577
 Expires 12-31-2014
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

Total lbs Volatile Solids to Digester 3,413

Overall Percent Removal of Volatile Solids 52.6%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 23,832

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 511

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 57

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 998

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 30

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 :	33%	42%	-3%
Secondary Treatment :	84%	59%	58%
Adv. Sec. Treatment :	48%	52%	94%
Overall Treatment :	94%	89%	97%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.6	1.2	2.4
Secondary Settling Tank	3.4	0.9	1.8
Final Settling Tank	10.5	2.8	5.5
Chlorine Contact Tank	0.73	0.20	0.38
Total Plant Retention Time	18.5	5.0	9.7

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1234	333	634
Secondary Settling Tank	1630	440	837
Final Settling Tank	831	224	427

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	6	12
Secondary Settling Tank	19	5	10
Final Settling Tank	19	5	10

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:

6/4, 18, 24 - Successful test of emergency power system

6/24 - Loss of utility power, on emergency system from 7:00 pm to 9:00 pm

6/26 - 3.28" of rain in 2 hours, 4.97" total for 6/26 and 6/27. First CSO at WWTP(Outfall 002) since 2008.

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: _____

