

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Apr-11
 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 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	Fri	4.0		0.15			0.00	7.72	140	104	16.54	7.57	103	78	28.70	7.41	20	21	22.64	4.7		2.0		0.66	4.8	0.21	
2	Sat	3.9				1.8	0.00	7.54	87	414	15.46	7.42	88	60	29.94	7.40	16	22	22.58	5.0		2.0		0.82	4.8	0.24	
3	Sun	3.4					0.00	7.68	97	94	16.58	7.40	78	58	24.17	7.30	16	18	19.21	4.7		1.8		0.91	4.2	0.24	
4	Mon	4.9		0.08			0.00	7.68	92	75	12.58	7.39	63	48	17.22	7.32	15	15	12.59	5.0		2.3		0.47	6.0	0.21	
5	Tue	2.9					0.00	7.45	90	162	21.02	7.45	98	66	32.31	7.41	14	18	22.22	4.6		2.2		1.33	3.7	0.26	
6	Wed	3.0					0.00	7.49	106	108	16.95	7.44	94	54	28.89	7.37	12	23	19.95	4.6		2.2		1.30	3.7	0.24	
7	Thu	4.8		0.19			0.00	7.72	85	106	15.84	7.58	68	56	24.61	7.39	16	19	18.78	4.9		2.5	120	0.56	6.3	0.32	
8	Fri	6.3		0.25		3.9	0.00	7.70	57	102	6.52	7.54	68	114	13.56	7.24	16	36	10.30	5.7		2.5		0.30	7.7	0.23	
9	Sat	3.0	4.0				0.00	7.53	105	94	79.02	7.40	98	60	24.80	7.24	15	17	17.68	4.7		1.7		1.18	3.6	0.22	
10	Sun	3.9					0.00	7.52	92	68	13.54	7.39	70	50	20.12	7.32	14	20	15.32	4.7		1.8		0.65	4.7	0.21	
11	Mon	6.8		0.53	X	4.6	0.00	7.57	62	107	6.48	7.40	58	78	14.41	7.19	11	25	11.46	6.5		3.2		0.43	8.3	0.22	80
12	Tue	5.3				0.2	0.00	7.76	60	52	8.44	7.61	58	28	13.22	7.45	13	13	8.77	4.8	240	2.6	280	0.39	6.5	0.23	
13	Wed	4.2				1.2	0.00	7.66	74	94	15.29	7.52	70	46	24.41	7.28	13	13	17.32	4.4		2.3		0.60	5.3	0.25	
14	Thu	3.3					0.00	7.52	105	102	19.39	7.40	87	66	26.88	7.23	14	20	19.10	4.6		2.2		1.08	4.1	0.24	
15	Fri	3.6		0.03		3.9	0.00	7.50	105	94	15.23	7.45	115	82	28.80	7.49	19	31	20.43	4.4		1.8		0.70	5.6	0.54	
16	Sat	7.4	4.9	0.60		7.4	0.00	7.47	67	84	7.98	7.42	72	56	16.82	7.36	17	21	13.50	6.4		3.2		0.29	8.9	0.20	
17	Sun	3.2					0.00	7.53	98	74	16.54	7.35	63	46	20.54	7.25	11	12	13.07	4.7		1.7		0.96	3.8	0.17	
18	Mon	7.1		0.46		9.8	0.00	7.61	60	91	8.54	7.50	51	54	13.36	7.33	13	21	8.38	5.8		2.8		0.21	8.5	0.19	
19	Tue	6.5		0.80		5.0	0.00	7.54	62	172	8.93	7.44	69	60	21.24	7.32	17	22	15.98	5.7		2.8		0.32	7.7	0.19	
20	Wed	9.2		0.06		11.5	0.00	7.47	41	85	6.63	7.37	58	90	12.03	7.14	20	39	9.77	7.1		3.4		0.14	11.1	0.21	
21	Thu	4.8					0.00	7.51	88	72	12.90	7.40	54	46	18.73	7.20	13	23	11.95	4.6		2.2	45	0.41	5.6	0.17	
22	Fri	7.8		0.62		16.4	0.00	7.29	52	72	6.11	7.21	48	69	9.70	7.12	13	35	8.23	6.2		3.1		0.19	9.4	0.21	
23	Sat	5.7	6.3			1.1	0.00	7.38	37	44	7.79	7.22	24	32	8.66	7.19	8	14	5.99	4.9		2.1		0.23	6.8	0.20	
24	Sun	4.2		0.01			0.00	7.37	77	44	11.54	7.24	63	38	12.64	7.05	13	23	9.84	5.0		2.0		0.66	5.0	0.18	
25	Mon	5.6		0.39		8.3	0.00	7.51	75	72	12.94	7.37	62	52	15.72	7.22	15	16	14.40	5.5		2.6		0.43	6.7	0.19	
26	Tue	9.7		1.17		23.3	0.00	7.30	31	118	5.84	7.11	32	82	5.66	7.14	15	22	5.72	7.0		3.7		0.11	11.5	0.19	
27	Wed	9.7		1.00		20.2	0.00	7.25	36	53	7.64	7.05	32	48	9.40	6.87	8	20	7.12	7.1		3.7		0.11	11.6	0.19	
28	Thu	9.9		0.31		23.0	0.00	7.20	37	44	6.17	7.16	36	48	9.42	7.05	9	17	7.20	7.1		3.7		0.09	11.7	0.18	
29	Fri	9.8				21.7	0.00	7.28	29	30	6.80	7.13	33	37	8.23	7.07	7	12	5.89	7.1		3.7	180	0.10	11.7	0.19	
30	Sat	9.8	8.4			17.0	0.00	7.23	27	16	6.53	7.14	26	20	7.78	7.03	6	7	5.22	7.0		3.7		0.10	11.7	0.19	
AVERAGE		5.8		0.22		6.0	0.00	7.50	72	95	13.73	7.37	65	57	18.07	7.25	13	20	13.35	5.5	8	2.6	21	0.53	7.0	0.22	3
MAXIMUM		9.9	8.4	1.17		23.3	0.00	7.76	140	414	79.02	7.61	115	114	32.31	7.49	20	39	22.64	7.1	240	3.7	280	1.33	11.7	0.54	80
MINIMUM		2.9		0.01		0.0	0.00	7.20	27	16	5.84	7.05	24	20	5.66	6.87	6	7	5.22	4.4	240	1.7	45	0.09	3.6	0.17	80
# OF DATA		30		16		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1	30	4		30		1
TOTAL		174		6.65	1	180	0	225	2171	2847	412	221	1937	1722	542	217	404	614	401	164	240	78	625		211		80

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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	Fri	3.7	7.27	7.17	6		196		5		166		2.14		71		8.9		1.44	13	< 0.01
2	Sat	3.6	7.27	6.75	5		148		8		257		2.54		82		9.1		1.05	3	< 0.01
3	Sun	3.2	7.29	7.21	3		90		5		127		1.63		46		8.9		1.32	8	< 0.01
4	Mon	4.6	7.25	7.12	5		201		1		41		0.57		23		8.4		1.11	28	< 0.01
5	Tue	2.8	7.42	7.21	4		88		7		171		1.44		35		9.0		1.24	11	< 0.01
6	Wed	2.8	7.39	7.24	2		52		4		99		0.48		12		9.1		1.49	15	< 0.01
7	Thu	4.4	7.43	7.19	4		155		3		99		0.82		33		9.1		1.81	49	< 0.01
8	Fri	5.8	7.13	6.79	5		267		9		472		0.94		49		9.5		1.50	148	< 0.01
9	Sat	2.8	7.33	7.02	3	4	76	133	5	5	123	162	0.32	0.89	8	29	9.4		1.44	5	< 0.01
10	Sun	3.7	7.29	7.18	3		95		6		196		0.41		13		8.8		1.27	10	< 0.01
11	Mon	6.2	7.18	6.95	4		249		9		509		0.44		25		8.6		1.56	15	< 0.01
12	Tue	4.9	7.29	7.05	3		136		1		44		0.21		9		8.6		1.34	7	< 0.01
13	Wed	3.9	7.34	7.17	2		74		4		141		0.36		13		9.2		1.28	15	< 0.01
14	Thu	3.0	7.27	7.11	< 2		27		6		164		0.41		11		9.2		1.64	36	< 0.01
15	Fri	3.3	7.47	7.10	4		122		13		395		1.04		32		9.3		1.65	27	< 0.01
16	Sat	6.8	7.21	6.87	6	3	347	150	5	6	310	251	1.00	0.55	62	24	9.5		1.42	104	< 0.01
17	Sun	3.0	7.17	6.95	3		76		3		81		0.46		12		10.2		1.89	2	< 0.01
18	Mon	6.5	7.26	6.81	6		363		6		357		1.74		104		10.1		1.40	130	< 0.01
19	Tue	5.9	7.09	6.92	4		238		4		216		0.62		33		10.3		1.68	13	< 0.01
20	Wed	8.3	6.93	6.71	8		629		11		844		0.74		57		11.2		1.58	28	< 0.01
21	Thu	4.5	7.16	6.96	3		131		6		239		0.33		13		10.4		1.46	20	< 0.01
22	Fri	6.8	7.09	6.57	5		319		15		977		0.32		21		9.9		1.59	137	< 0.01
23	Sat	5.4	7.18	6.73	2	5	115	267	5	7	239	422	0.17	0.63	8	35	9.6		1.41	9	< 0.01
24	Sun	3.8	7.16	6.86	2		81		3		88		0.15		5		9.2		1.49	4	< 0.01
25	Mon	5.1	7.37	6.99	5		254		9		424		0.91		43		9.1		1.43	1	< 0.01
26	Tue	8.6	7.03	6.76	3		242		9		726		0.33		27		9.2		1.50	66	< 0.01
27	Wed	8.9	6.91	6.75	2		187		9		730		0.29		24		9.4		1.53	13	< 0.01
28	Thu	8.8	6.97	6.73	5		438		12		992		0.55		45		9.9		1.54	7	< 0.01
29	Fri	8.8	7.04	6.88	4		294		8		654		0.37		30		10.0		1.44	15	< 0.01
30	Sat	8.8	7.04	6.87	< 2	3	82	225	3	8	245	551	0.24	0.41	20	28	9.6		1.49	9	< 0.01
AVERAGE		5.3			4		192		6		337		0.73		32		9.4		1.47	16	< 0.01
MAXIMUM		8.9	7.47		8	5	629	267	15	8	992	551	2.54	0.89	104	35	11.2		1.89	148	< 0.01
MINIMUM		2.8		6.57	<2		27		1		41		0.15		5		8.4		1.05	1	< 0.01
# OF DATA		30	30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		159	216	209	115		5770		193		10122		22		965		282.7		43.99	948	< 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	Fri	140	60			21	0	273	6	2	93		
2	Sat	110	70			37	0	272	6	2	93		
3	Sun	90	60			25	0	270	6	2	106		
4	Mon	125	90			27	0	265	6	2	89		
5	Tue	75	30			23	0	258	6	2	111		
6	Wed	95	50			21	0	253	6	2	84		
7	Thu	155	80	27		21	0	252	6	2	83		
8	Fri	210	110			40	0	259	6	2	95		
9	Sat	90	50			29	0	257	6	2	95		
10	Sun	130	60	20	54	28	0	259	6	2	135		
11	Mon	220	140			36	4	276	6	2	131		
12	Tue	160	100			29	0	290	6	2	126		
13	Wed	120	50			24	0	291	6	2	123		
14	Thu	130	50			27	0	280	6	2	117		
15	Fri	130	60			29	5	270	6	2	124		
16	Sat	240	140			45	0	273	6	2	125		
17	Sun	80	50			31	0	266	6	2	123		
18	Mon	80	130			34	0	265	6	2	124		
19	Tue	310	100			36	0	263	6	2	86		
20	Wed	230	180	27	54	31	4	273	6	2	120		
21	Thu	130	60			23	0	273	6	2	102		
22	Fri	210	130			31	0	281	6	2	138		
23	Sat	180	110			28	0	273	6	2	139		
24	Sun	110	60			27	0	268	6	2	117		
25	Mon	140	100			30	0	279	6	2	122		
26	Tue	230	180			38	0	292	6	2	116		
27	Wed	230	180	27	41	30	0	237	6	2	106		
28	Thu	230	180			29	0	325	6	2	96		
29	Fri	210	180			23	0	339	6	2	110		
30	Sat	200	170			24	0	337	6	2	108		
AVERAGE		160	100	3	5	29	0	276	6	2	111		
MAXIMUM		310	180	27	54	45	5	339	6	2	139		
MINIMUM		75	30	20	41	21	0	237	6	2	83		
# OF DATA		30	30	4	3	30	30	30	30	30	30		
TOTAL		4790	3010	101	149	876	13	8270	180	68	3337		

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	Fri								96				96	18				55			104		
2	Sat								96				96	22				68			104		
3	Sun								96				96	17				58			104		
4	Mon		2.95	77.2	6.46	1.66	62.3	6.77	96	1.83	61.4	6.99	96	37	4.81	60.3	6.99	19			146		43
5	Tue								96				96	4				0			146		
6	Wed								96				96	6				0			146		
7	Thu								96				96	10				35			113		
8	Fri								96				96	21				71	0.78		114		
9	Sat								96				96	16				57	0.56		113		
10	Sun								96				96	15				55	0.54		113		
11	Mon		4.06	76.0	6.37	1.71	65.2	6.84	96	1.65	64.7	6.94	96	35	5.41	59.7	7.00	30	0.96		145		31
12	Tue								96				96	9				12			144		
13	Wed								96				96	10				33			122		
14	Thu								96				96	17				53			105		
15	Fri								96				96	20				64	0.45		105		
16	Sat								96				96	27				76			106		
17	Sun								96				96	21				58			106		
18	Mon		3.60	74.5	6.07	2.69	61.0	6.95	96	1.64	60.1	6.92	96	31	4.46	59.5	7.01	21	0.94		136		29
19	Tue								96				96	18				42			138		
20	Wed								96				96	28				73	1.35		139		
21	Thu								96				96	11				45			122		
22	Fri								96				96	19				64			123		
23	Sat								96				96	18				46			123		
24	Sun								96				96	13				41			123		
25	Mon		3.23	75.3	6.86	1.78	61.1	6.85	96	1.85	59.8	7.02	96	29	4.48	65.0	7.13	22			154		30
26	Tue								96				96	16				34	0.40		156		
27	Wed								96				96	43				113			160		
28	Thu								96				96	21				67			131		
29	Fri								96				96	16				55			131		
30	Sat								96				96	14				53			130		
AVERAGE			3.46	75.8	6.44	1.96	62.4	6.85	96	1.74	61.5	6.97	96	19	4.79	61.1	7.03	47	0.75		127		4
MAXIMUM			4.06	77.2	6.86	2.69	65.2	6.95	96	1.85	64.7	7.02	96	43	5.41	65.0	7.13	113	1.35		160		43
MINIMUM			2.95	74.5	6.07	1.66	61.0	6.77	96	1.64	59.8	6.92	96	4	4.46	59.5	6.99	0	0.40		104		
# OF DATA			4	4	4	4	4	4	30	4	4	4	30	30	4	4	4	30	8	30	30		30
TOTAL			14	303	26	8	250	27	2878	7	246	28	2878	582	19	245	28	1419	6		3804		133

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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:	April 6th, 2011	0.0	0.051	<0.005	<0.005	0.078		<0.005	0.018	<0.005	0.006	0.029			
2nd Date:	April 17th, 2011							<0.005	0.015	<0.005	<0.005	0.015	<0.005		
3rd Date:	April 19th, 2011	0.0	0.057	0.014	0.007	0.100	<0.005	<0.005	0.016	<0.005	<0.005	0.022	<0.005		
4th Date:	April 21st, 2011							<0.005	0.012	<0.005	0.005	0.016	<0.005		
5th Date:															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.0	0.054	0.008	0.005	0.089	<0.003	<0.003	0.015	<0.003	0.004	0.021	<0.003		
Maximum		0.0	0.057	0.014	0.007	0.100	<0.005	<0.005	0.018	<0.005	0.006	0.029	<0.005		

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	40	25	3338	2086	45	30	3755	2504	2.70	1.80	225	150	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	8.4	5.8	5	4	267	192	8	6	551	337	0.89	0.73	35	32	8.4	7.47	< 0.01	148	16
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: Apr-11
 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 6,383

Overall Percent Removal of Volatile Solids 49.7%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 20,548

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 518

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 59

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 913

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 34

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

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

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	11%	40%	-32%
Secondary Treatment :	79%	64%	26%
Adv. Sec. Treatment :	72%	69%	95%
Overall Treatment :	95%	93%	95%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	4.2	1.2	2.1
Secondary Settling Tank	3.1	0.9	1.6
Final Settling Tank	9.6	2.8	4.9
Chlorine Contact Tank	0.66	0.20	0.33
Total Plant Retention Time	16.8	5.0	8.5

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1239	366	723
Secondary Settling Tank	1636	484	955
Final Settling Tank	834	247	487

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	24	7	14
Secondary Settling Tank	20	6	11
Final Settling Tank	19	6	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:

April 4, 14 - Successful test of emergency electrical system

April 13 - Raw flow diverted to storage for 1.5 hours to clean grit from screen and influent channels

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: _____

