

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Jun-04
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

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Permit # IN0025577

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	Tue	5.2					0.00	7.49	55	56	12.41	7.49	58	80	13.06	7.30	14	37	4.82	4.6		4.0	240	0.64	8.3	0.58	90
2	Wed	4.7					0.00	7.60	80	59	15.16	7.39	74	68	16.11	7.31	14	29	5.83	4.5		4.0		0.83	8.3	0.78	
3	Thu	3.4					0.00	7.67	115	95	20.69	7.47	71	56	19.66	7.31	12	22	5.00	4.5		4.0		1.53	8.3	1.48	
4	Fri	2.2					0.00	7.83	185	136	33.15	7.45	107	75	29.26	7.27	13	26	7.74	4.5		4.0		2.87	8.1	2.67	
5	Sat	2.2	4.1				0.00	7.80	183	98	31.38	7.38	110	70	29.79	7.21	12	22	7.41	4.4		4.0		2.79	8.0	2.60	
6	Sun	2.1					0.00	7.70	210	84	32.56	7.35	114	54	30.12	7.24	13	17	7.38	4.4		3.9		2.89	8.0	2.76	
7	Mon	2.4					0.00	7.66	210	166	30.27	7.44	110	80	27.04	7.32	14	28	7.58	4.4		3.9		2.48	8.0	2.37	
8	Tue	2.3					0.00	7.67	210	120	32.06	7.40	112	72	26.39	7.38	16	21	5.69	4.4		3.9		2.62	8.3	2.59	
9	Wed	3.1					0.00	7.49	150	94	22.08	7.19	102	96	24.39	7.29	21	40	7.54	4.4		3.9		1.69	8.3	1.71	
10	Thu	4.2		0.88		2.8	0.00	7.27	185	282	18.76	7.14	81	102	19.27	7.13	16	33	4.95	5.1	30	3.9		1.15	9.0	1.16	
11	Fri	6.9		0.39		4.5	0.00	7.41	63	56	7.90	7.22	44	64	9.06	6.81	17	38	4.95	6.0		3.9		0.43	9.8	0.42	
12	Sat	6.6	3.9	1.18		5.4	0.00	7.30	58	62	7.97	7.21	53	58	9.69	6.86	13	33	4.14	5.8		4.0		0.49	9.5	0.44	
13	Sun	5.2		0.21		0.9	0.00	7.50	62	78	11.07	7.32	54	54	12.48	6.94	12	29	5.33	5.2		4.0		0.78	8.4	0.61	
14	Mon	5.9		0.27		2.8	0.00	7.50	85	87	11.43	7.28	55	46	11.35	6.79	16	36	4.70	5.5		4.1		0.62	9.0	0.53	60
15	Tue	5.0					0.00	7.52	58	66	12.08	7.34	42	56	11.62	6.91	11	35	4.95	4.9		4.1		0.80	8.4	0.69	
16	Wed	3.9					0.00	7.54	85	90	18.52	7.34	58	56	16.79	7.02	7	27	5.82	4.9		4.0		1.25	8.4	1.13	
17	Thu	2.4		0.02			0.00	7.66	180	190	29.34	7.40	87	66	26.75	7.00	8	20	7.09	4.8		3.9		2.65	8.3	2.46	
18	Fri	2.6					0.00	7.78	190	128	27.88	7.48	98	63	26.69	7.16	12	23	8.10	4.9		3.8		2.29	8.1	2.05	
19	Sat	3.2	4.0				0.00	7.58	135	100	23.57	7.40	79	46	22.92	7.27	12	19	6.52	5.0		4.0		1.80	8.0	1.50	
20	Sun	2.0					0.00	7.75	203	82	34.16	7.47	113	56	30.41	7.23	12	18	7.57	5.0		3.8		3.36	8.0	2.98	
21	Mon	3.6		0.35		1.6	0.00	7.72	165	133	23.27	7.50	105	60	17.77	7.21	25	35	7.80	5.1		3.8		1.47	8.4	1.32	
22	Tue	3.2					0.00	7.57	190	106	23.65	7.36	88	58	20.14	7.02	22	13	6.52	4.8		4.0		1.77	8.3	1.60	
23	Wed	2.3					0.00	7.75	190	95	30.20	7.50	100	42	27.49	7.11	14	18	8.00	4.8		3.9	180	2.82	8.3	2.62	
24	Thu	2.4					0.00	7.70	200	190	32.02	7.51	101	76	29.87	7.15	12	17	8.36	4.8		3.9		2.59	8.3	2.42	
25	Fri	2.4					0.00	7.82	195	132	29.59	7.48	98	63	28.09	7.26	13	17	8.47	4.9		3.9		2.68	8.0	2.38	
26	Sat	2.1	2.6				0.00	7.79	208	72	31.87	7.49	118	52	31.01	7.18	12	14	7.65	4.9		3.9		3.12	8.0	2.77	
27	Sun	3.0					0.00	7.64	150	76	23.65	7.46	94	54	23.96	7.14	12	17	8.32	4.9		3.9		1.93	8.0	1.67	
28	Mon	3.3		0.04			0.00	7.53	170	140	24.67	7.46	74	64	21.85	7.29	10	25	8.00	4.8		4.0		1.65	8.0	1.40	
29	Tue	2.3					0.00	7.76	195	124	32.36	7.49	105	52	28.79	7.14	11	14	7.68	4.8		3.9		2.81	8.2	2.61	
30	Wed	2.3					0.00	7.79	215	267	33.87	7.53	103	64	29.79	7.14	11	16	10.68	4.8		3.9		2.83	8.3	2.63	
AVERAGE		3.4		0.11		0.6	0.00	7.63	153	115	23.92	7.40	87	63	22.39	7.15	14	25	6.82	4.9	1	3.9	14	1.92	8.3	1.76	5
MAXIMUM		6.9	4.1	1.18		5.4	0.00	7.83	215	282	34.16	7.53	118	102	31.01	7.38	25	40	10.68	6.0	30	4.1	240	3.36	9.8	2.98	90
MINIMUM		2.0		0.02		0.0	0.00	7.27	55	56	7.90	7.14	42	42	9.06	6.79	7	13	4.14	4.4	30	3.8	180	0.43	8.0	0.42	60
# OF DATA		30		8		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1	30	2		30		2
TOTAL		102		3.34		18	0	229	4579	3464	718	222	2605	1903	672	214	406	738	205	146	30	118	420		250		150

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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	Tue	4.8	7.28	4		192		13		579		0.31		13		8.4		2.18	19	< 0.006
2	Wed	4.4	7.44	3		132		7		253		0.30		12		8.3		2.03	13	< 0.006
3	Thu	2.9	7.39	3		73		4		112		0.28		8		8.6		1.79	14	< 0.006
4	Fri	1.8	7.39	2		44		4		73		0.22		4		8.7		1.83	5	< 0.006
5	Sat	1.8	7.50	3	4	47	140	6	10	112	376	0.67	0.43	12	15	8.6		2.23	5	< 0.006
6	Sun	1.8	7.52	3		48		4		67		0.26		5		8.5		1.97	1	< 0.006
7	Mon	2.2	7.55	3		62		8		159		0.30		6		8.4		1.60	4	< 0.006
8	Tue	1.9	7.64	3		65		5		91		0.50		10		8.1		2.05	10	< 0.006
9	Wed	2.9	7.52	4		97		9		217		0.22		6		7.8		1.45	16	< 0.006
10	Thu	3.8	7.10	5		177		15		513		0.64		22		7.8		1.79	39	< 0.006
11	Fri	6.5	6.88	5		284		13		753		0.46		26		8.1		0.87	37	< 0.006
12	Sat	6.2	6.69	4	4	231	138	11	9	578	340	0.52	0.41	28	15	8.4		3.05	15	< 0.006
13	Sun	4.9	6.79	4		152		11		467		0.25		11		7.7		1.73	7	< 0.006
14	Mon	5.5	6.83	4		197		8		369		0.25		12		7.7		2.05	65	< 0.006
15	Tue	4.6	7.09	3		137		10		425		0.25		10		7.4		2.35	46	< 0.006
16	Wed	3.6	7.28	3		82		8		261		0.33		11		7.6		2.20	20	< 0.006
17	Thu	2.1	7.25	2		46		5		90		0.32		6		7.5		1.62	5	< 0.006
18	Fri	2.3	7.40	3		55		4		88		0.28		6		7.9		1.95	3	< 0.006
19	Sat	2.8	7.38	3	3	72	106	5	7	134	262	0.28	0.28	8	9	8.3		1.88	12	< 0.006
20	Sun	1.6	7.28	2		34		3		50		0.36		6		8.2		2.06	2	< 0.006
21	Mon	3.2	7.49	6		191		11		333		1.21		37		8.2		2.27	1	< 0.006
22	Tue	2.8	7.13	4		93		8		213		0.33		9		8.2		2.27	24	< 0.006
23	Wed	1.9	7.24	3		59		3		48		0.45		9		8.1		1.89	5	< 0.006
24	Thu	2.0	7.32	5		101		15		308		0.26		5		8.2		1.60	6	< 0.006
25	Fri	1.9	7.38	3		59		6		109		0.30		6		8.3		1.65	5	< 0.006
26	Sat	1.7	7.30	3	4	44	83	3	7	44	158	0.27	0.46	5	11	8.2		1.50	0	< 0.006
27	Sun	2.5	7.32	3		68		19		469		0.39		10		8.3		1.97	12	< 0.006
28	Mon	3.0	7.44	3		72		9		250		0.25		7		8.2		2.10	14	< 0.006
29	Tue	1.9	7.18	3		63		2		38		0.90		17		7.5		2.37	4	< 0.006
30	Wed	1.9	7.26	3		53		4		66		0.46		9		7.7		1.98	7	< 0.006
AVERAGE		3.0	7.27	3		101		8		242		0.39		11		8.1		1.94	8	< 0.006
MAXIMUM		6.5	7.64	6	4	284	140	19	10	753	376	1.21	0.46	37	15	8.7		3.05	65	< 0.006
MINIMUM		1.6	6.69	2		34		2		38		0.22		4		7.4		0.87	0	< 0.006
# OF DATA		30	30	30		30		30		30		30		30		30		30	30	30
TOTAL		91	218	100		3030		228		7270		12		336		242.9		58.28	416	< 0.006

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LaPorte Wastewater Treatment Plant

2101 Boyd Boulevard

LaPorte IN, 46350

Phone # (219)362-2354

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Permit # IN0025577

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 Times per day	Sludge to Headworks (gal x 1000)	
1	Tue	220	177			19	0	334	6	4	166	
2	Wed	260	120			20	4	344	6	4	164	
3	Thu	152	82			17	0	314	6	4	175	
4	Fri	106	49			20	0	342	6	4	172	
5	Sat	111	48			20	0	342	6	4	167	
6	Sun	101	43			20	0	333	6	4	164	
7	Mon	127	36			20	8	326	6	4	161	
8	Tue	80	40			19	7	332	6	4	161	
9	Wed	180	100			19	6	341	6	4	174	
10	Thu	242	148			23	0	335	6	3	147	
11	Fri	413	220	47	47	25	0	333	6	2	87	
12	Sat	340	193			23	0	340	6	3	106	
13	Sun	277	142			22	0	325	6	4	125	
14	Mon	328	172			24	0	342	6	4	149	
15	Tue	300	140			20	0	354	6	4	140	
16	Wed	212	120			20	0	343	6	4	162	
17	Thu	133	68	54		20	0	340	6	4	156	
18	Fri	147	79			20	0	338	6	4	158	
19	Sat	172	102			20	0	337	6	4	157	
20	Sun	92	56			20	0	337	6	4	158	
21	Mon	188	106			22	13	336	6	3	113	
22	Tue	200	100	54	27	21	0	340	6	4	159	
23	Wed	120	40			20	0	338	6	4	159	
24	Thu	133	73			20	0	334	6	4	159	
25	Fri	132	68			20	0	334	6	4	162	
26	Sat	113	52			20	0	333	6	4	163	
27	Sun	176	74			20	0	334	6	4	163	
28	Mon	206	128			20	13	331	6	4	162	
29	Tue	120	40			20	0	327	6	4	162	
30	Wed	120	40			20	0	326	6	4	162	
AVERAGE		183	95	5	2	20	2	336	6	4	154	
MAXIMUM		413	220	54	47	25	13	354	6	4	175	
MINIMUM		80	36	47	27	17	0	314	6	2	87	
# OF DATA		30	30	3	2	30	30	30	30	30	30	
TOTAL		5501	2856	155	74	606	51	10066	180	126	4614	

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 Supernatant (gal x 1000)	Secondary to Storage Tank (gal x 1000)
1	Tue								96				96	9				25				0.2	
2	Wed								96				96	18				53				0.2	0
3	Thu								96				96	15				48				0.1	
4	Fri								96				96	16				42				0.1	
5	Sat								96				96	13				43	0.14			0.1	
6	Sun								96				96	19				47				0.1	
7	Mon		2.64	78.5	6.62	2.31	47.3	6.99	96	3.40	50.8	7.19	96	30	4.89	56.1	7.23	32			0.3	29	
8	Tue								96				96	14				27				0.2	0
9	Wed								96				96	23				61				0.2	
10	Thu								96				96	7				29				0.2	0
11	Fri								96				96	25				54				0.2	0
12	Sat								96				96	18				53				0.2	0
13	Sun								96				96	13				45				0.2	0
14	Mon		3.63	68.9	6.59	3.55	50.9	6.85	96	2.24	53.5	7.12	96	27	4.57	55.2	7.12	28	0.11		0.2	35	
15	Tue								96				96	14				24				0.2	0
16	Wed								96				96	10				24				0.2	0
17	Thu								96				96	12				44				0.3	0
18	Fri								96				96	13				43				0.3	0
19	Sat								96				97	13				36	0.06			0.4	
20	Sun								96				97	14				41				0.5	
21	Mon		1.70	69.6	6.81	2.45	53.7	6.82	96	2.20	52.2	6.87	97	32	4.45	52.6	6.90	34			0.5	28	
22	Tue								96				97	16				39				0.3	0
23	Wed								96				97	12				41				0.3	
24	Thu								96				97	12				28				0.3	0
25	Fri								96				97	18				39				0.3	
26	Sat								96				97	10				29				0.3	
27	Sun								96				97	18				43				0.3	
28	Mon		2.13	81.6		3.25	48.9	6.85	96	1.92	52.4	6.97	97	30	4.74	54.7	6.98	25			15.6	30	
29	Tue								96				96	10				26				7.1	0
30	Wed								96				96	16				51				144.8	0
AVERAGE			2.53	74.7	6.67	2.89	50.2	6.88	96	2.44	52.2	7.04	97	17	4.66	54.7	7.06	38	0.10			5.8	4
MAXIMUM			3.63	81.6	6.81	3.55	53.7	6.99	96	3.40	53.5	7.19	97	32	4.89	56.1	7.23	61	0.14			144.8	35
MINIMUM			1.70	68.9	6.59	2.31	47.3	6.82	96	1.92	50.8	6.87	96	7	4.45	52.6	6.90	24	0.06			0.1	
# OF DATA			4	4	3	4	4	4	30	4	4	4	30	30	4	4	4	30	3			30	30
TOTAL			10	299	20	12	201	28	2878	10	209	28	2895	496	19	219	28	1154	0			174	122

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NPDES LIMITS AND ANALYSIS

Metals and Cyanide Analysis

INFLUENT										EFFLUENT							
Method: 24 hour composite										Site: Post Cl2 Tank							
Sample Characteristics		Cd	Cr	Cu	Pb		Ni	Zn	CN-	Cd	Cr	Cu	Pb		Ni	Zn	CN-
Sample Number		CO1027	CO1032	CO1042	CO1051		CO1074	CO1092	CO0720	CO1027	CO1032	CO1042	CO1051		CO1074	CO1092	CO0720
Sample	Permit Condition	24 Hour	Grab	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour	24 Hour	Grab	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour
Type	Monitored	24 Hour	Grab	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour	24 Hour	Grab	24 Hour	24 Hour		24 Hour	24 Hour	24 Hour
Frequency	Permit Condition	2-31 Days	2-31 Days	2-31 Days	2-31 Days		2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days		2-31 Days	2-31 Days	4-31 Days
	Monitored	2-31 Days	2-31 Days	2-31 Days	2-31 Days		2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days	2-31 Days		2-31 Days	2-31 Days	4-31 Days
Parameter	Daily Maximum									0.005	0.940	0.055	0.020		0.160	0.500	0.016
	Limits									0.002	0.400	0.024	0.010		0.070	0.200	0.016
1st Date:	June 2nd			0.067								0.021					<0.005
2nd Date:	June 9th	<0.0002	<0.005	0.091	0.014		0.018	0.077	<0.005	<0.0002	<0.005	0.028	<0.001		0.009	0.029	<0.005
3rd Date:	June 16th			0.060								0.020					<0.005
4th Date:	June 23rd	0.0008	0.016	0.150	0.005		0.019	0.130	<0.005	<0.0002	0.006	0.018	0.001		0.024	0.030	<0.005
5th Date:	June 30th			0.044								0.026					<0.005
Number of times Limit												*See Note					
Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	0	0	0	0		0	0	0
Average		0.0005	0.009	0.082	0.010		0.019	0.104	<0.003	<0.0001	0.004	0.023	0.001		0.017	0.030	<0.003
Maximum		0.0008	0.016	0.150	0.014		0.019	0.130	<0.005	<0.0002	0.006	0.028	0.001		0.024	0.030	<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	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		in	(Colonies	(Colonies
																	mg/L	/100mL)	/100mL)
Limit	None	None	30	20	1751	1168	36	24	2102	1401	2.40	1.60	140	95	6.0	6-9	0.01	235	125
Times Violated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Max	4.1	3.4	4	3	140	101	10	8	376	242	0.46	0.39	15	11	7.4	7.64	< 0.006	65	8
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: Jun-04
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard, La Porte IN 46350
 Phone # (219)362-2354

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 Permit # IN0025577
 Certified Operator : Jerry P Jackson
 Certification Number : 11496

Total lbs Volatile Solids to Digester 3,174

Overall Percent Removal of Volatile Solids 59.1%

Monthly Removal Summary

Percent Removal	CBOD	TSS	AMMONIA
Primary Treatment	43%	45%	6%
Secondary Treatment	84%	61%	70%
Tertiary Treatment	75%	69%	94%
Overall Treatment	98%	93%	98%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 25,575

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 460

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	6.1	1.8	3.6
Secondary Settling Tank	4.5	1.3	2.6
Final Settling Tank	14.0	4.0	8.2
Total Plant Retention Time	24.5	7.1	14.4

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 90

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 1,084

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	868	251	427
Secondary Settling Tank	1146	332	564
Final Settling Tank	584	169	287

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 22

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

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	17	5	8
Secondary Settling Tank	14	4	7
Final Settling Tank	13	4	7

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

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:

June 1st - Primary Clarifier #4 out of service for maintenance. Back in service June 2nd.
 June 2nd - Primary Clarifier #2 out of service for maintenance. Back in service June 3rd.
 June 7th - Primary Clarifier #3 out of service for maintenance. Back in service June 8th.
 June 10th - Diverted raw flow to storage for 30 minutes for maintenance of the rotary secondary trickling filter. Stored flows were returned to the headworks.
 June 15th - Secondary Clarifier #2 out of service for maintenance, Back in service June 15th

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: _____

