

MONTHLY REPORT OF OPERATION

Trickling Filter Wastewater Treatment Plant

Date: Dec-10
 LaPorte Wastewater Treatment Plant
 2101 Boyd Boulevard
 LaPorte IN, 46350
 Phone # (219)362-2354

Page 1 of 6

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	2.7		0.03		3.2	0.00	7.18	113	82	37.74	7.08	80	38	25.09	7.09	11	13	11.25	4.0		2.0		1.22	4.9	0.83	
2	Thu	3.0					0.00	7.36	88	126	25.37	7.28	100	70	34.30	7.17	11	20	18.18	4.6		2.3		1.35	5.7	0.93	
3	Fri	2.8					0.00	7.33	120	90	27.64	7.21	97	51	31.55	7.17	11	20	18.18	4.6		2.0		1.38	5.6	1.04	
4	Sat	3.6	3.8	0.18			0.00	7.30	42	104	18.02	7.27	58	64	20.23	7.11	11	16	16.54	4.6		2.1		0.85	5.8	0.61	
5	Sun	2.7		0.30			0.00	7.41	108	64	25.78	7.30	69	52	24.81	7.10	12	26	12.07	4.6		1.8		1.33	5.7	1.07	
6	Mon	2.7		0.14		1.2	0.00	7.43	115	82	34.21	7.16	103	54	27.39	7.21	9	13	11.08	4.3		2.0		1.31	2.2	-0.19	
7	Tue	2.8		0.13			0.00	7.31	55	118	20.82	7.20	86	52	24.67	7.22	29	45	40.62	4.5		2.3		1.42		-1.00	
8	Wed	2.8					0.00	7.31	185	131	22.90	7.18	128	60	22.97	7.13	9	14	13.82	4.5		2.3		1.46	2.1	-0.23	
9	Thu	4.8		0.03			0.00	7.28	119	90	12.96	7.17	91	64	13.98	6.98	17	16	11.67	5.5		3.0		0.75	6.4	0.32	
10	Fri	7.7				0.2	0.00	7.23	48	72	9.76	7.18	51	52	10.01	7.22	17	20	8.68	6.1		3.2		0.21	7.9	0.03	
11	Sat	8.1	4.5	0.65		8.8	0.00	7.05	68	80	8.22	7.04	53	72	8.37	7.15	15	36	6.91	6.6		3.4		0.24	8.4	0.03	
12	Sun	7.8		0.60		3.1	0.00	7.13	43	52	7.36	7.09	38	60	8.13	7.05	18	30	6.71	6.3		3.1		0.21	8.1	0.04	
13	Mon	3.2		0.68			0.00	7.29	98	59	16.16	7.22	61	40	14.46	7.08	16	28	5.02	4.5		2.1		1.09	5.8	0.81	
14	Tue	2.8		0.12			0.00	7.52	92	88	20.06	7.33	63	42	16.41	7.25	13	10	7.59	4.5		2.3		1.46	1.6	-0.41	
15	Wed	2.8					0.00	7.44	245	137	22.70	7.25	89	54	20.86	7.15	6	11	10.09	4.5		2.3		1.44	1.7	-0.38	
16	Thu	3.7		0.02			0.00	7.34	100	172	19.24	7.32	86	64	19.50	7.10	13	16	12.47	4.5		2.4		0.86	4.5	0.21	
17	Fri	5.2					0.00	7.25	87	106	14.41	7.19	61	53	14.19	7.16	11	13	12.42	4.6		2.1		0.29	5.9	0.14	
18	Sat	5.9	4.5				0.00	7.12	73	64	14.18	7.13	68	54	14.36	7.26	15	17	10.19	4.6		2.4		0.21	6.2	0.06	
19	Sun	3.5					0.00	7.23	98	68	18.86	7.14	75	46	17.07	7.20	20	21	11.13	4.7		1.8		0.87	5.6	0.62	
20	Mon	2.8		0.08			0.00	7.31	175	115	23.09	7.22	130	54	27.42	7.20	10	19	10.44	4.6		2.1		1.41	1.9	-0.30	
21	Tue	4.0		0.01			0.00	7.21	108	78	19.77	7.17	100	52	26.65	6.92	18	15	15.11	4.6		2.9		0.86	2.8	-0.29	
22	Wed	4.0		0.03			0.00	7.22	112	97	18.06	7.14	86	50	21.28	7.16	20	20	16.98	4.6		2.4		0.76	3.2	-0.19	
23	Thu	5.1		0.01			0.00	7.36	92	76	14.81	7.32	83	48	15.73	7.16	16	15	14.23	5.4		2.9		0.64	1.8	-0.64	
24	Fri	3.4					0.00	7.16	110	100	21.13	7.12	90	92	18.41	7.37	18	17	11.95	4.6		2.0		0.90	2.5	-0.27	
25	Sat	2.3	3.6				0.00	7.21	118	88	23.77	7.16	86	50	31.61	7.15	15	20	12.19	4.6		1.8		1.74	2.6	0.11	
26	Sun	2.5					0.00	7.30	165	200	34.51	7.29	94	56	19.75	7.18	12	11	20.97	4.6		1.8		1.56	2.6	0.03	
27	Mon	3.2		0.01			0.00	7.30	150	94	20.61	7.20	103	44	25.49	7.31	11	10	11.93	4.5		2.2		1.11	2.6	-0.20	
28	Tue	2.8			X		0.00	7.39	130	132	26.91	7.42	104	66	32.71	7.10	15	8	17.16	4.5		2.4		1.49	2.5	-0.09	
29	Wed	2.7		0.01			0.00	7.22	205	355	26.85	7.15	113	88	26.34	7.42	11	12	21.40	4.5		2.4		1.56	3.1	0.14	
30	Thu	5.5		0.02		0.5	0.00	7.21	100	92	14.11	7.23	94	110	18.97	7.09	12	20	19.07	5.9		3.3		0.65	4.6	-0.17	
31	Fri	8.5	4.0	0.52		16.1	0.00	7.19	85	134	6.49	7.04	85	164	12.02	7.12	24	31	19.45	6.8		3.7	160	0.23	4.5	-0.47	
AVERAGE		4.0		0.12		1.1	0.00	7.28	111	108	20.21	7.20	85	62	20.80	7.16	14	19	14.05	4.9		2.4	5	1.00	4.2	0.07	
MAXIMUM		8.5	4.5	0.68		16.1	0.00	7.52	245	355	37.74	7.42	130	164	34.30	7.42	29	45	40.62	6.8		3.7	160	1.74	8.4	1.07	
MINIMUM		2.3		0.01		0.0	0.00	7.05	42	52	6.49	7.04	38	38	8.13	6.92	6	8	5.02	4.0		1.8	160	0.21	0.0	-1.00	
# OF DATA		31		19		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1			31		
TOTAL		125		3.57	1	33	0	226	3447	3346	627	223	2625	1916	645	222	444	583	436	151		75	160		129		

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Page 2 of 6

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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	Wed	2.5	7.09	6.84	4		88		2		45		0.43		10		10.5				
2	Thu	2.7	7.32	7.06	4		94		8		197		0.78		19		10.1				
3	Fri	2.5	7.31	7.23	4		92		5		115		0.62		14		10.2				
4	Sat	3.3	7.28	6.84	3	4	81	154	5	7	150	270	0.73	0.67	22	24	10.1				
5	Sun	2.5	7.44	7.21	5		103		6		125		0.43		10		10.2				
6	Mon	0.7	7.35	7.33	3		61		8		181		0.42		9		9.7				
7	Tue																				
8	Wed																				
9	Thu	3.8	7.30	7.19	8		313		12		462		1.05		42		10.5				
10	Fri	7.0	7.18	6.90	8		513		16		1027		1.66		107		12.0				
11	Sat	7.4	7.12	6.91	14	5	965	326	16	11	1079	479	2.05	0.80	138	51	11.7				
12	Sun	7.2	7.01	6.83	10		656		23		1462		2.20		143		10.7				
13	Mon	3.0	7.32	6.99	6		162		2		53		1.01		27		11.1				
14	Tue	0.6	7.30	7.29	3		65		1		23		0.62		14		11.0				
15	Wed																				
16	Thu	3.3	7.24	7.15	6		177		7		202		1.09		34		10.4				
17	Fri	4.8	7.29	6.86	5		231		4		174		1.20		52		10.4				
18	Sat	5.4	7.16	6.81	9	6	415	284	11	8	538	408	1.50	1.09	73	57	10.7				
19	Sun	3.2	7.17	6.84	5		156		10		274		1.33		38		11.5				
20	Mon	0.7	6.87	6.85	8		183		9		209		1.15		27		11.3				
21	Tue	2.3	7.19	7.15	9		299		10		332		3.99		132		9.2				
22	Wed	3.7	7.19	6.99	10		324		5		165		2.99		99		10.6				
23	Thu	4.6	7.46	7.16	10		409		5		211		3.50		148		10.5				
24	Fri	3.1	7.38	6.96	9		259		11		316		1.45		42		10.7				
25	Sat	2.1	7.38	6.90	5	8	94	287	3	8	59	261	0.65	2.15	13	83	10.5				
26	Sun	2.3	7.17	6.84	4		82		4		73		0.22		5		10.4				
27	Mon	2.9	7.10	6.83	15		408		1		27		0.84		22		9.7				
28	Tue	2.5	7.68	6.92	3		76		9		208		1.01		23		10.8				
29	Wed	2.4	7.12	6.89	4		83		12		270		0.88		20		10.0				
30	Thu	5.1	7.16	6.95	7		342		11		485		2.96		137		9.6				
31	Fri	7.8	6.90	6.50	10	9	721	370	21	10	1484	447	1.84	1.38	130	63	10.2				
AVERAGE		3.2			7		266		8		321		1.38		55		10.5				
MAXIMUM		7.8	7.68		15	9	965	370	23	11	1484	479	3.99	2.15	148	83	12.0				
MINIMUM				6.50	3		61		1		23		0.22		5		9.2				
# OF DATA		31	28	28	28		28		28		28		28		28		28				
TOTAL		99	202	195	190		7449		234		9944		39		1550		294.3				

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Page 3 of 6

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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					20	0	274	6	2	88		
2	Thu					21	0	269	6	2	87		
3	Fri					21	0	264	6	2	88		
4	Sat					20	0	263	6	2	87		
5	Sun					20	0	263	6	2	87		
6	Mon					20	0	260	6	2	82		
7	Tue					20	0	258	6	2	87		
8	Wed					20	0	258	6	2	84		
9	Thu					20	4	258	6	2	91		
10	Fri					20	0	266	6	2	87		
11	Sat					33	0	268	6	2	86		
12	Sun					30	0	269	6	2	88		
13	Mon					20	0	269	6	2	87		
14	Tue					20	0	262	6	2	97		
15	Wed					21	0	259	6	2	88		
16	Thu					26	0	252	6	2	119		
17	Fri					20	0	272	6	2	113		
18	Sat					20	0	275	6	2	105		
19	Sun					20	0	274	6	2	87		
20	Mon					20	0	270	6	3	93		
21	Tue					20	0	269	6	2	86		
22	Wed					21	5	264	6	2	87		
23	Thu					22	0	271	6	2	86		
24	Fri					20	0	275	6	2	86		
25	Sat					20	0	271	6	2	86		
26	Sun					20	0	270	6	2	86		
27	Mon				41	20	0	270	6	2	86		
28	Tue					20	0	268	6	2	85		
29	Wed					20	0	266	4	2	86		
30	Thu					21	0	267	4	2	85		
31	Fri					25	0	273	4	2	85		
AVERAGE						1	21	0	267	6	2	90	
MAXIMUM						41	33	5	275	6	3	119	
MINIMUM						41	20	0	252	4	2	82	
# OF DATA						1	31	31	31	31	31	31	
TOTAL						41	662	10	8266	180	70	2776	

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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Page 4 of 6
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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				75	10				32					
2	Thu								95				75	12				35					
3	Fri								95				76	12				36					
4	Sat								95				76	12				37	0.11				
5	Sun								96				76	12				36					
6	Mon		0.77	71.3	6.31	1.32	61.4	6.82	96	0.89	65.0	6.67	77	10	3.73	63.1	6.70	31					
7	Tue								96				77	11				32					
8	Wed								96				77	11				30					
9	Thu								96				78	17				41					
10	Fri								96				78	11				29					
11	Sat								96				78	19				47					
12	Sun								96				78	24				59					
13	Mon		2.22	80.2	6.56	1.20	60.3	6.70	96	1.18	68.4	6.89	79	12	3.82	65.7	6.99	32					
14	Tue								96				79	11				31					
15	Wed								96				79	11				29					
16	Thu								96				80	20				47					
17	Fri								96				80	11				29					
18	Sat								96				85	11				28	0.10				
19	Sun								96				85	11				28	0.11				
20	Mon		1.89	81.5	6.49	1.06	59.2	6.72	96	0.95	68.0	6.88	85	13	3.92	64.1	7.00	22					4
21	Tue								96				86	12				32					
22	Wed								96				86	25				59					
23	Thu								96				86	12				33					
24	Fri								96				87	11				29					
25	Sat								96				87	11				32					
26	Sun								96				87	11				32					
27	Mon		0.45	84.3	6.59	1.20	65.2	6.83	96	1.02	62.2	6.80	88	23	3.66	63.5	6.80	10					27
28	Tue								96				88	4				0					
29	Wed								96				88	6				11					
30	Thu								96				88	12				30	0.13				
31	Fri								96				88	8				23	1.00				
AVERAGE			1.33	79.3	6.49	1.20	61.5	6.77	96	1.01	65.9	6.81	82	13	3.78	64.1	6.87	32	0.29				1
MAXIMUM			2.22	84.3	6.59	1.32	65.2	6.83	96	1.18	68.4	6.89	88	25	3.92	65.7	7.00	59	1.00				27
MINIMUM			0.45	71.3	6.31	1.06	59.2	6.70	95	0.89	62.2	6.67	75	4	3.66	63.1	6.70	0	0.10				
# OF DATA			4	4	4	4	4	4	31	4	4	4	31	31	4	4	4	31	5	31	31		31
TOTAL			5	317	26	5	246	27	2964	4	264	27	2531	397	15	256	27	984	1				31

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Page 5 of 6

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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 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:	December 16th,	0.0	0.054	<0.005	0.010	0.071	<0.005	<0.005	0.016	<0.005	<0.005	0.025	<0.005		
2nd Date :	December 29th,	0.0	0.095	<0.005	0.008	0.300		<0.005	0.015	<0.005	<0.005	0.023			
3rd Date															
4th Date :															
5th Date															
Number of times Limit Value exceeded:		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Average		0.0	0.075	<0.003	0.009	0.186	<0.003	<0.003	0.016	<0.003	<0.003	0.024	<0.003		
Maximum		0.0	0.095	<0.005	0.010	0.300	<0.005	<0.005	0.016	<0.005	<0.005	0.025	<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	4.5	4.0	9	7	370	266	11	8	479	321	2.15	1.38	83	55	9.2	7.68			
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: Dec-10
 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 1,884

Overall Percent Removal of Volatile Solids 53.5%

Equivalent Population Treated in (lbs Raw CBOD per Day / 0.17) 22,022

Rotary Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 461

Fixed Bed Filter Hydraulic Loading Rate (Gallon / Day / Sq Ft) 55

Biotower Filter Hydraulic Loading Rate (Gallons / Day / Sq Ft) 540

Rotary Filter Organic Loading Rate (lbs CBOD / 1000 Cu Ft / Day) 31

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

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

Monthly Removal Summary

Percent Removal :	CBOD	TSS	AMMONIA
Primary Treatment :	24%	43%	-3%
Secondary Treatment :	83%	70%	32%
Adv. Sec. Treatment :	53%	60%	90%
Overall Treatment :	94%	93%	93%

Detention Time (Hours)	Maximum	Minimum	Average
Primary Settling Tank	5.2	1.4	3.0
Secondary Settling Tank	3.8	1.1	2.2
Final Settling Tank	12.0	3.3	7.0
Chlorine Contact Tank	0.83	0.23	0.48
Total Plant Retention Time	21.1	5.8	12.2

Surface Flow Rate	Maximum	Minimum	Average
Gallons per sq ft per Day			
Primary Settling Tank	1059	293	505
Secondary Settling Tank	1398	386	666
Final Settling Tank	713	197	340

Weir OverFlow Rate	Maximum	Minimum	Average
1000 Gal per ft per Day			
Primary Settling Tank	21	6	10
Secondary Settling Tank	17	5	8
Final Settling Tank	16	4	8

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:

12/6 - Secondary effluent diverted to CSO storage while Biotower pumps #3 and #4 are replaced. No discharge to Travis Ditch 7:00 am to midnight.
 12/7 - Secondary effluent diverted to CSO storage while Biotower pumps #3 and #4 are replaced. No discharge to Travis Ditch all day.
 12/8 - Secondary effluent diverted to CSO storage while Biotower pumps #3 and #4 are replaced. No discharge to Travis Ditch all day. Biotowers restarted at 4:00 pm, final effluent diverted to storage.
 12/9 - Secondary effluent diverted to CSO storage while Biotower pumps #3 and #4 are replaced. Discharge to Travis Ditch re-started at 7:30 am.
 12/10 - Successful test of emergency power
 12/14 - Secondary effluent diverted to CSO storage while Biotower pumps #1 and #2 are replaced. No discharge to Travis Ditch 7:00 am to midnight.
 12/15 - Secondary effluent diverted to CSO storage while Biotower pumps #1 and #2 are replaced. Biotowers were re-started at 2:30 pm
 12/16 - Discharge to Travis Ditch re-started at 7:00 am.
 12/22 - South half of fixed bed off for winter operation
 12/24 - Successful test of emergency power
 12/20 - Secondary effluent diverted to CSO storage while Biotower piping mods are completed, 8:30 am
 12/21 - Discharge to Travis Ditch re-started at 2:00 pm

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: _____

