AMY ____
lyj/scan ____

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIC
DIVISION OF WATER POLLUTION CONTROL

REPORT OF OPERATION OF WATEWATER TREATMENT

PLANT BCCX
COUNTY Bledsoe
MONTH OF may 2017

DATE	RAINFALL (0.1")	INFLUENT FLOW (MGD)	EFFLUENT FLOW (MGD)	BYPASSED	TEMPERATURE INFLUENT (°C)	TEMPERATURE EFFLUENT (°C)	5 Day CBOD / BOD				Ammonia Nitrogen				Suspended Solids				Settleable Solids		Dissolved Oxygen		pH		Phosphorus		Nitrogen		Final Effluent			
							INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PRECENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PRECENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PRECENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (STANDARD UNITS)	EFFLUENT (STANDARD UNITS)	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (mg/L)	EFFLUENT (mg/L)	E. COLI	Total Chlorine	Toxicity	Oil & Grease
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		32
1	0.0	0.376	0.358	0	24	25	450	1	3.0	100	20	0.31	0.9	98	505	2.8	8.4	99	52	0.2		7.1		7.2	8	4.0	34	2.3	1			
2	0.0	0.356	0.319	0	24	25														0.1		7.1		7.2								NO
3	0.0	0.302	0.260	0	24	25	169	1	2.2	99	17	0.63	1.4	96	300	2.0	4.3	99	58	0.1		6.0		7.0					6			
4	2.2	0.486	0.402	0	21	22														0.1		6.5		7.2								NO
5	0.5	0.439	0.416	0	20	22	310	1	3.5	100	12	0.25	0.9	98	200	2.2	7.6	99	45	0.1		6.6		7.2					2			
6	0.2	0.340	0.304	0	20	21																										
7	0.0	0.308	0.261	0	20	21																										
8	0.0	0.306	0.268	0	21	22	250	1	2.2	100	17	0.09	0.2	99	240	1.4	3.1	99	46	0.1		7.4		7.3					2			
9	0.0	0.290	0.254	0	21	21														0.2		6.8		7.2	7	1.5	40	2.1				NO
10	0.8	0.310	0.258	0	21	22	573	3	5.4	100	18	0.16	0.3	99	575	1.0	2.2	100	48	0.1		7.0		7.2					2			
11	0.0	0.322	0.262	0	21	22														0.1		7.4		7.2								NO
12	0.2	0.306	0.282	0	22	24	410	1	2.4	100	16	0.13	0.3	99	535	0.6	1.4	100	54	0.1		6.9		7.3					5			
13	0.0	0.263	0.237	0	22	24																										
14	0.0	0.276	0.233	0	21	22																										
15	0.0	0.343	0.303	0	22	23	320	2	5.1	99	18	0.15	0.4	99	480	4.0	10.1	99	38	0.1		6.9		7.2	6	1.6	34	2.3	2			
16	0.0	0.286	0.254	0	21	22														0.1		6.8		7.2								NO
17	0.0	0.287	0.252	0	22	22	210	1	2.1	100	19	0.02	0.0	100	370	1.0	2.1	100	39	0.1		7.0		7.3					1			
18	0.0	0.309	0.278	0	22	21														0.1		6.4		7.2								NO
19	0.0	0.316	0.284	0	22	22	191	1	2.4	99	16	0.34	0.8	98	675	3.0	7.1	100	42	0.2		6.5		7.2					4			
20	0.7	0.281	0.224	0	24	25																										
21	0.5	0.364	0.243	0	25	25																										
22	0.0	0.406	0.284	0	25	25	200	1	2.4	100	14	0.30	0.7	98	240	1.8	4.3	99	41	0.1		6.7		7.0	5	1.5	26	1.9	2			
23	0.8	0.348	0.301	0	22	24														0.2		6.6		7.0								NO
24	0.7	0.429	0.375	0	20	21	175	1	3.1	99	16	0.47	1.5	97	105	2.0	6.3	98	31	0.1		6.4		6.9					5			
25	0.0	0.325	0.308	0	21	22														0.2		6.7		7.0								NO
26	0.0	0.348	0.322	0	21	22	191	1	2.7	99	20	0.24	0.6	99	325	7.0	18.8	98	45	0.1		7.0		7.1					0			
27	0.7	0.323	0.273	0	21	22																										
28	0.0	0.357	0.276	0	22	24																										
29	0.0	0.380	0.285	0	22	24														0.1		7.0		7.2								
30	0.3	0.441	0.368	0	22	24	200	1	3.1	100	13	0.56	1.7	96	200	0.8	2.5	100	36	0.1		6.5		7.2	4	1.3	24	2.5	5			YES
31	0.0	0.394	0.274	0	24	25	300	1	2.3	100	27	0.30	0.7	99	145	0.4	0.9	100	40	0.1		7.6		7.4					13			
TOTAL	7.6	10.617	9.018	0																									50	MNR		
AVERAGE		0.342	0.291	0	22	23	282	1	3.0	100	17	0.3	0.7	98.263	350	2	5.6	99	44	0.1	#DIV/0!	6.8	#####	7.2	5.902	2.0	32	2.2	4	MNR	Annual	
MAXIMUM		0.486	0.416	0	25	25	573	3	5.4	100	27	0.6	1.7	99.911	675	7	18.8	100	58	0.2	0.0	7.6	0.0	7.4	8.1	4.0	40	2.5	13	MNR		N/A
MINIMUM		0.263	0.224	0	20	21	169	1	2.1	99	12	0.0	0.0	95.692	105	0	0.9	98	31	0.1	0.0	6.0	0.0	6.9	4.5	1.3	24	1.9	0	MNR		N/A

REMARKS

1 = CBOD EFFLUENT INSUFFICIENT
1 = CBOD INFLUENTEXCESSIVE DEPLETION

RECEIVED
JUN 14 '17
ENVIRONMENT & CONSERVATION
CHATTANOOGA FIELD OFFICE

CERTIFIED OPERATOR SIGNATURE Joe Curtis CERT NO. 1675 GRADE WW 4
Greta Reed 3005 WW4
RDA 1663

CN-0972 (rev. 1-95)

BCCX Wastewater Plant
Permit No. TN0056626
1045 Horsehead Road
Pikeville, TN 37367
(423) 881-6491

June 6, 2017

TDEC
Division of Water Resources
1301 Riverfront Parkway Suite#206
Chattanooga, TN 37402

Attention: Angela Young

Dear Ms. Young,

We have violated our phosphorus and nitrogen permit limits for the month of May 2017.We are going to be working with Dan Martin, a sales rep. with Bio-Chem Industries in trying to reduce our phosphorus. Also the new engineering firm (CTI) has been working with us and is progressing toward the new expansion.

Sincerely,

Joe Curtis

Joe Curtis

BCCX Plant Operator, Grade IV