

PERMIT NUMBER	PERMIT FEATURE TYPE DESCRIPTION	PERMIT FEATURE ID	YEAR	MONTH	DATE	RAINFALL (0.1 inch)	INFLUENT FLOW (MGD)	INFLUENT MAX (MGD)	INFLUENT MIN (MGD)	EFFLUENT FLOW (MGD)	HOURS BYPASSED	TEMPERATURE INFLUENT degC	TEMPERATURE EFFLUENT degC	BOD ₅ INFLUENT (mg/L)	BOD ₅ EFFLUENT (mg/L)	BOD ₅ EFFLUENT (POUNDS)	BOD ₅ PERCENT REMOVAL	BOD ₅ EFFLUENT WEEKLY AVERAGE (mg/L)	BOD ₅ EFFLUENT WEEKLY AVERAGE (POUNDS)	TSS INFLUENT (mg/L)	TSS EFFLUENT (mg/L)	TSS EFFLUENT (POUNDS)	TSS PERCENT REMOVAL	TSS EFFLUENT WEEKLY AVERAGE (mg/L)	TSS EFFLUENT WEEKLY AVERAGE (POUNDS)	DO INFLUENT (mg/L)	DO EFFLUENT (mg/L)	pH INFLUENT (S. U.)	pH EFFLUENT (S. U.)	Settleable Solids INFLUENT (mL)	Settleable Solids Less Than (<) (mL)	Settleable Solids EFFLUENT (mL)	Less Than (<) E.coli	EFFLUENT E.COLI	Less Than (<) TRC	EFFLUENT TOTAL CHLORINE RESIDUAL (mg/L)	TN PERCENT REMOVAL		
TN0024449	External Outfall	001	2021	December	1		0.263			0.239		19.1	15.4	99.0	5.3	10.6	94.6	5.3	0.0	46.0	2.5	5.0	94.6	2.5	0.0	4.9	4.0	6.4	6.7	2.0		0.0		1.0		0.90			
TN0024449	External Outfall	001	2021	December	2		0.296			0.252		19.5	17.4	85.6	3.4	7.1	96.0	0.3	0.0	46.0	1.5	3.2	96.7	1.5	0.0	4.8	4.0	6.4	6.7	1.6		0.0		1.0		0.90			
TN0024449	External Outfall	001	2021	December	3		0.249			0.217		17.0	14.7	75.0	4.0	7.2	94.7	4.0	0.0							4.8	4.0	6.3	6.7	2.0		0.0				0.90			
TN0024449	External Outfall	001	2021	December	4		0.276			0.234																													
TN0024449	External Outfall	001	2021	December	5		0.281			0.237																													
TN0024449	External Outfall	001	2021	December	6	0.50	0.256			0.252		19.0	18.2														4.7	4.0	6.4	6.6	1.5		0.0				1.00		
TN0024449	External Outfall	001	2021	December	7	0.30	0.263			0.250		18.0	14.5							45.0	1.5	3.1	96.7	1.5	0.0	4.7	4.0	6.3	6.7	2.0		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	8		0.201			0.210		18.3	15.4	87.0	4.0	7.0	95.4	4.0	0.0	43.0	1.0	1.8	97.7	1.0	0.0	4.8	3.9	6.4	6.8	1.6		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	9	0.25	0.257			0.237		19.1	17.8	63.0	4.7	9.3	92.5	4.7	0.0	41.0	1.5	3.0	96.3	1.5	0.0	4.8	4.0	6.3	6.8	2.0		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	10		0.294			0.257		19.4	18.0	90.6	4.8	10.3	94.7	4.8	0.0							4.9	4.0	6.4	6.7	1.5		0.0				1.00			
TN0024449	External Outfall	001	2021	December	11	0.25	0.336			0.311																													
TN0024449	External Outfall	001	2021	December	12	2.00	0.243			0.237																													
TN0024449	External Outfall	001	2021	December	13		0.239			0.186		18.0	15.8													5.0	4.2	6.5	6.7	2.0		0.0					1.00		
TN0024449	External Outfall	001	2021	December	14		0.225			0.237		19.3	17.0							46.0	1.5	3.0	96.7	1.5	0.0	4.9	3.9	6.2	6.8	1.6		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	15		0.006			0.009		19.1	15.9	85.6	3.4	0.3	96.0	3.4	0.0	44.0	2.0	0.2	95.5	2.0	0.0	5.0	4.1	6.3	6.7	1.7		0.0				1.0	0.90		
TN0024449	External Outfall	001	2021	December	16		0.334			0.304		19.0	18.2	92.3	3.5	8.9	96.2	3.5	0.0	43.0	2.0	5.1	95.3	2.0	0.0	4.9	4.0	6.4	6.6	1.5		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	17		0.314			0.288		19.4	17.0	88.3	3.0	6.7	96.6	3.0	0.0							4.9	3.8	6.4	6.8	2.0		0.0					1.00		
TN0024449	External Outfall	001	2021	December	18	1.25	0.404			0.381																													
TN0024449	External Outfall	001	2021	December	19	0.25	0.262			0.250																													
TN0024449	External Outfall	001	2021	December	20		0.275			0.255		19.0	17.8														4.8	4.0	6.4	6.6	1.5		0.0					0.90	
TN0024449	External Outfall	001	2021	December	21		0.305			0.259		18.3	16.5							45.0	2.0	4.3	95.6	2.0	0.0	4.7	3.6	6.3	6.7	1.6		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	22		0.253			0.256		19.0	15.3	86.0	3.1	6.6	96.4	3.1	0.0	45.0	1.0	2.1	97.8	1.0	0.0	5.0	3.9	6.4	6.8	2.0		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	23		0.252			0.238		17.9	12.3	85.0	3.4	6.7	96.0	3.4	0.0	56.0	1.5	3.0	97.3	1.5	0.0	4.7	3.8	6.3	6.7	1.8		0.0				1.0	0.90		
TN0024449	External Outfall	001	2021	December	24		0.284			0.262		18.0	17.8	88.0	4.2	9.2	95.2	4.2	0.0							4.6	3.9	6.4	6.6	1.5		0.0					0.90		
TN0024449	External Outfall	001	2021	December	25		0.294			0.239																													
TN0024449	External Outfall	001	2021	December	26		0.292			0.249																													
TN0024449	External Outfall	001	2021	December	27		0.314			0.249		17.3	15.6														5.2	4.1	6.3	6.7	1.7		0.0					1.00	
TN0024449	External Outfall	001	2021	December	28		0.351			0.293		18.3	18.1							41.0	1.0	2.4	97.6	1.0	0.0	4.9	4.0	6.3	6.8	2.0		0.0					1.0	1.00	
TN0024449	External Outfall	001	2021	December	29		0.414			0.385		17.3	17.1	74.6	4.6	14.8	93.8	4.6	0.0	47.0	2.0	6.4	95.7	2.0	0.0	4.9	3.8	6.5	6.6	1.7		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	30		0.392			0.356		17.6	17.4	94.0	4.3	12.8	95.4	4.3	0.0	96.0	2.0	5.9	97.9	2.0	0.0	4.7	4.0	6.4	6.6	2.0		0.0				1.0	1.00		
TN0024449	External Outfall	001	2021	December	31		0.299			0.312		18.2	18.0	90.3	3.1	8.1	96.6	3.1	0.0							4.6	4.0	6.3	6.6	2.0		0.0					1.00		

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 person or 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 fine and imprisonment for knowing violations.

TOTAL	4.80	8.724			7.921	0.0										125.5																								
AVERAGE		0.281			0.256		18.5	16.6	85.6	3.9	8.4	95.4	3.7	0.0	48.9	1.6	3.5	96.6	1.6	0.0	4.8	4.0			1.8	0.0	1.0											0.97	#DIV/0!	
MAXIMUM	2.00	0.414	0.000		0.385	0.0	19.5	18.2	99.0	5.3	14.8	96.6	5.3	0.0	96.0	2.5	6.4	97.9	2.5	0.0	5.2	4.2			6.5	6.8	2.0											1.00	0.0	
MINIMUM		0.006			0.009		17.0	12.3	63.0	0.3	0.3	92.5	0.3	0.0	41.0	1.0	0.2	94.6	1.0	0.0	4.6	3.6			9.0	1.5	0.0										1.0	0.90	0.0	
PERMIT LIMIT DAILY MAX												0.0		45.0	9999.0					45.0	9999.0																			
PERMIT LIMIT DAILY MIN																40.0											1.0													
PERMIT LIMIT MONTHLY WKLY/AVG														30.0	175.0	85.0	40.0	234.0		30.0	175.0	85.0	40.0	234.0																

*E. Coli geomean is shown in the Average row

Joseph Allen
Signature

Copperhill STP
Plant

3
Grade

14841
Certification #

Polk
County

FW: december emor 2021 city of Copperhill

Angela Oberschmidt <Angela.Oberschmidt@tn.gov>

Fri 1/14/2022 1:06 PM

To: Barbara Russell <Barbara.Russell@tn.gov>; Cali Dobbins <Cali.Dobbins@tn.gov>

MOR for Copperhill STP. Is it possible to upload this email from the operator too?

Thanks

Angela

-----Original Message-----

From: chillwwt@etcmil.com <chillwwt@etcmil.com>

Sent: Friday, January 14, 2022 11:46 AM

To: DWRWW Report <DWRWW.Report@tn.gov>

Cc: Angela Oberschmidt <Angela.Oberschmidt@tn.gov>

Subject: [EXTERNAL] december emor 2021 city of Copperhill

*** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. ***

For some reason the Emor spreadsheet is not calculating the pounds on the BOD or TSS either one. Also, it won't let me enter them manually either. Also, on dec.15th the lift station pumps were down. So, there was barely to zero on the flow that day. They had to have it pumped out and the pumps serviced.