

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 (mg/L)	Settleable Solids Less Than (<) (mg/L)	Settleable Solids EFFLUENT (mg/L)	Less Than (<) E. coli	EFFLUENT E. COLI	Less Than (<) TRC	EFFLUENT TOTAL CHLORINE RESIDUAL (mg/L)	TN PERCENT REMOVAL					
TN0024449	External Outfall	001	2021	October	1		0.428			0.335		20.3	21.2	98.0	4.3	12.0	95.6	4.3	12.0							5.0	4.1	6.3	6.6	1.5	0.0					1.00						
TN0024449	External Outfall	001	2021	October	2		0.399			0.313																																
TN0024449	External Outfall	001	2021	October	3		0.421			0.361																																
TN0024449	External Outfall	001	2021	October	4	0.50	0.405			0.327		20.5	21.6													5.1	4.3	6.2	6.4	1.5	0.0							0.90				
TN0024449	External Outfall	001	2021	October	5	0.25	0.492			0.431		19.5	21.7							44.0	2.0	7.2	95.5	3.0	7.2	5.3	4.0	6.2	6.3	2.0	0.0		1.0					1.00				
TN0024449	External Outfall	001	2021	October	6	1.50	0.460			0.404		20.7	20.8	104.3	3.0	10.1	97.1	3.0	10.1	22.0	1.5	5.1	93.2	1.5	5.1	5.4	4.2	6.3	6.5	1.7	0.0		1.0					0.90				
TN0024449	External Outfall	001	2021	October	7	0.50	0.508			0.464		20.3	20.1	88.9	3.9	15.1	95.6	3.9	15.1	46.0	1.5	5.8	96.7	1.5	5.8	5.0	4.2	6.4	6.6	2.0	0.0		1.0					1.00				
TN0024449	External Outfall	001	2021	October	8	3.00	0.444			0.390		21.0	20.8	99.3	4.2	13.7	95.8	4.2	13.7							5.1	4.0	6.3	6.5	2.0	0.0								0.90			
TN0024449	External Outfall	001	2021	October	9		0.440			0.374																																
TN0024449	External Outfall	001	2021	October	10		0.459			0.324																																
TN0024449	External Outfall	001	2021	October	11		0.390			0.325		21.2	22.3													5.0	4.1	6.4	6.6	2.0	0.0								1.00			
TN0024449	External Outfall	001	2021	October	12		0.442			0.354		21.1	20.7							39.0	1.5	4.4	96.2	1.5	4.4	5.2	4.0	6.4	6.7	1.7	0.0		1.0					0.90				
TN0024449	External Outfall	001	2021	October	13		0.441			0.338		21.3	20.7	94.0	3.7	10.4	96.1	3.7	10.4	40.0	2.0	5.6	95.0	2.0	5.6	5.0	4.2	6.3	6.5	2.0	0.0		1.0					1.00				
TN0024449	External Outfall	001	2021	October	14		0.397			0.321		20.9	20.3	100.6	3.5	9.4	96.5	3.5	9.4	44.0	1.5	4.0	96.6	1.5	4.0	5.2	4.0	6.4	6.6	2.0	0.0		1.0					1.00				
TN0024449	External Outfall	001	2021	October	15		0.412			0.332		20.6	20.2	85.3	3.0	8.3	96.5	3.0	8.3							5.2	4.0	6.3	6.7	2.0	0.0							1.00				
TN0024449	External Outfall	001	2021	October	16		0.359			0.312																																
TN0024449	External Outfall	001	2021	October	17		0.353			0.302																																
TN0024449	External Outfall	001	2021	October	18		0.358			0.295		20.2	19.8														5.1	4.0	6.2	6.6	1.5	0.0							0.90			
TN0024449	External Outfall	001	2021	October	19		0.353			0.295		20.1	18.9							46.0	2.0	4.9	95.7	2.0	4.9	5.2	4.2	6.4	6.7	1.7	0.0		1.0					0.90				
TN0024449	External Outfall	001	2021	October	20		0.352			0.291		20.0	18.0	100.6	3.6	8.7	96.4	3.6	8.7	46.0	1.0	2.4	97.8	1.0	2.4	5.0	4.0	6.5	6.7	2.0	0.0		1.0					0.90				
TN0024449	External Outfall	001	2021	October	21		0.405			0.353		20.2	20.8	88.0	3.1	9.1	96.5	3.1	9.1	96.0	1.5	4.4	98.4	1.5	4.4	5.1	4.2	6.3	6.7	2.0	0.0		2.0					0.90				
TN0024449	External Outfall	001	2021	October	22		0.376			0.316		21.0	20.8	97.6	3.6	9.5	96.3	3.6	9.5							4.9	4.0	6.2	6.6	1.5	0.0							0.90				
TN0024449	External Outfall	001	2021	October	23		0.358			0.301																																
TN0024449	External Outfall	001	2021	October	24		0.351			0.290																																
TN0024449	External Outfall	001	2021	October	25		0.396			0.312		19.8	19.0													4.8	4.0	6.4	6.7	1.7	0.0							1.00				
TN0024449	External Outfall	001	2021	October	26		0.330			0.278		20.0	21.0							45.0	2.0	4.6	95.6	2.0	4.6	4.9	4.0	6.3	6.6	1.5	0.0		1.0					1.00				
TN0024449	External Outfall	001	2021	October	27		0.339			0.283		19.6	20.7	92.3	3.7	8.7	96.0	3.7	8.7	44.0	1.5	3.5	96.6	1.5	3.5	5.1	4.0	6.2	6.6	2.0	0.0		1.0					0.90				
TN0024449	External Outfall	001	2021	October	28	0.25	0.370			0.329		20.1	17.7	95.3	5.0	13.7	94.8	5.0	13.7	52.0	1.5	4.1	97.1	1.5	4.1	4.9	4.0	6.4	6.7	1.8	0.0		1.0					1.00				
TN0024449	External Outfall	001	2021	October	29	0.25	0.302			0.262		19.3	17.8	91.6	4.8	10.5	94.8	4.8	10.5							5.0	4.0	6.3	6.6	2.0	0.0							1.00				
TN0024449	External Outfall	001	2021	October	30		0.364			0.320																																
TN0024449	External Outfall	001	2021	October	31		0.319			0.274																																
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	6.25	12.223			10.206	0.0				139.3																										
						AVERAGE		0.394			0.329			20.4	20.2	95.1	3.8	10.7	96.0	3.8	10.7	47.0	1.6	4.7	96.5	1.7	4.7	5.1	4.1			1.8	0.0		1.1					0.95	#DIV/0!	
						MAXIMUM	3.00	0.508	0.000		0.464	0.0	21.3	22.3	104.3	5.0	15.1	97.1	5.0	15.1	96.0	2.0	7.2	98.4	3.0	7.2	5.4	4.3	6.5	6.7	2.0	0.0		2.0							1.00	0.0
						MINIMUM		0.302		0.000	0.262		19.3	17.7	85.3	3.0	8.3	94.8	3.0	8.3	22.0	1.0	2.4	93.2	1.0	2.4	4.8	4.0	6.2	6.3	1.5	0.0		1.0							0.90	0.0
PERMIT LIMIT DAILY MAX												0.0		45.0	9999.0					45.0	9999.0						9.0		1.0						941.0	1.40						
PERMIT LIMIT DAILY MIN																40.0											1.0		6.0													
PERMIT LIMIT MONTHLY WQV/AVG														30.0	175.0	85.0		40.0	234.0		30.0	175.0	85.0		40.0	234.0												126.0				

*E. Coli geomean is shown in the Average row

joseph allen
Signature

3
Grade

14841
Certification #

Copperhill STP
Plant

Polk
County

FW: city of copperhill oct. 2021 mor

Angela Oberschmidt <Angela.Oberschmidt@tn.gov>

Mon 1/10/2022 2:50 PM

To: Cali Dobbins <Cali.Dobbins@tn.gov>

Another one for Copperhill.

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

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

Sent: Thursday, November 4, 2021 1:12 PM

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

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

Subject: [EXTERNAL] city of copperhill oct. 2021 mor

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