

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 (m/L)	Settleable Solids EFFLUENT (m/L)	Less Than (4) E.coli	EFFLUENT E. COLI	Less Than (4) TRC	EFFLUENT TOTAL CHLORINE RESIDUAL (mg/L)	TN PERCENT REMOVAL				
TN0024449	External Outfall	001	2022	November	1		0.228			0.190		18.2	17.2							45.0	2.0	3.2	95.6		3.2	4.6	3.7	6.3	6.6	1.5	0.0	1.0			0.90					
TN0024449	External Outfall	001	2022	November	2		0.225			0.200		18.6	17.7	95.5	3.3	5.5	96.5	3.3	5.5	42.0	2.0	3.3	95.2		3.4	4.5	3.6	6.4	6.6	1.5	0.0	1.0			0.90					
TN0024449	External Outfall	001	2022	November	3		0.244			0.197		18.0	17.1	96.0	3.7	6.1	96.1	3.7	6.1	39.0	2.0	3.3	94.9		3.3	4.5	3.6	6.4	6.6	1.5	0.0	1.0			0.90					
TN0024449	External Outfall	001	2022	November	4		0.251			0.209		17.9	16.7	93.0	3.2	5.6	96.6	3.2	5.6							4.6	3.5	6.3	6.6	1.6	0.0					0.90				
TN0024449	External Outfall	001	2022	November	5		0.236			0.190																														
TN0024449	External Outfall	001	2022	November	6		0.252			0.199																														
TN0024449	External Outfall	001	2022	November	7		0.218			0.180		19.3	18.8														4.5	3.6	6.3	6.5	1.6	0.0					0.90			
TN0024449	External Outfall	001	2022	November	8		0.234			0.187		19.1	18.6							42.0	2.0	3.1	95.2		3.1	4.6	3.7	6.3	6.6	1.5	0.0	1.0					0.90			
TN0024449	External Outfall	001	2022	November	9		0.207			0.166		18.8	17.9	101.6	3.2	4.4	96.9	3.2	4.4	40.0	2.0	2.8	95.0		2.8	4.6	3.6	6.4	6.7	1.6	0.0	1.0					1.00			
TN0024449	External Outfall	001	2022	November	10		0.240			0.206		19.0	18.1	93.3	3.1	5.3	96.7	3.1	5.3	40.0	2.0	3.4	95.0		3.4	4.6	3.5	6.3	6.6	1.6	0.0	1.0					0.90			
TN0024449	External Outfall	001	2022	November	11	0.50	0.244			0.214		19.2	18.6	92.7	3.2	5.7	96.5	3.2	5.7								4.5	4.0	6.3	6.7	1.5	0.0					0.90			
TN0024449	External Outfall	001	2022	November	12	0.50	0.191			0.178																														
TN0024449	External Outfall	001	2022	November	13		0.170			0.178																														
TN0024449	External Outfall	001	2022	November	14	0.25	0.178			0.163		17.6	12.8														4.6	3.9	6.3	6.6	1.5	0.0					0.90			
TN0024449	External Outfall	001	2022	November	15	0.75	0.220			0.208		17.8	14.9							39.0	2.0	3.5	94.9		3.5	4.5	3.7	6.4	6.6	1.5	0.0	2.0				0.90				
TN0024449	External Outfall	001	2022	November	16		0.154			0.188		18.0	17.6	99.0	3.2	5.0	96.8	3.2	5.0	42.0	2.0	3.1	95.2		3.1	4.6	3.8	6.4	6.7	1.6	0.0	1.0					0.90			
TN0024449	External Outfall	001	2022	November	17		0.168			0.180		17.7	13.4	103.0	3.4	5.1	96.7	3.4	5.1	42.0	1.5	2.3	96.4		2.3	4.8	3.9	6.4	6.7	1.6	0.0	1.0					0.90			
TN0024449	External Outfall	001	2022	November	18		0.212			0.221		17.1	11.7	94.7	3.1	5.7	96.7	3.1	5.7								4.6	4.1	6.3	6.6	1.5	0.0					1.00			
TN0024449	External Outfall	001	2022	November	19		0.200			0.205																														
TN0024449	External Outfall	001	2022	November	20		0.183			0.195																														
TN0024449	External Outfall	001	2022	November	21		0.207			0.212		16.3	10.4														4.8	4.0	6.4	6.7	1.5	0.0					1.00			
TN0024449	External Outfall	001	2022	November	22		0.189			0.191		16.6	11.5							42.0	2.0	3.2	95.2		3.2	4.7	3.9	6.3	6.7	1.6	0.0	1.0					1.00			
TN0024449	External Outfall	001	2022	November	23		0.196			0.186		17.6	12.9	91.3	3.2	5.0	96.5	3.2	5.0	44.0	1.5	2.3	96.6		2.3	4.5	4.0	6.4	6.7	1.6	0.0	1.0					1.00			
TN0024449	External Outfall	001	2022	November	24		0.204			0.185		17.5	15.2	100.0	3.3	5.1	96.7	3.3	5.1	41.0	2.0	3.1	95.1		3.1	4.1	3.9	6.3	6.4	1.5	0.0	1.0					0.90			
TN0024449	External Outfall	001	2022	November	25	0.10	0.208			0.199		17.4	14.6	94.6	3.3	5.5	96.5	3.3	5.5								4.4	3.7	6.3	6.7	1.5	0.0					1.00			
TN0024449	External Outfall	001	2022	November	26	0.25	0.213			0.197																														
TN0024449	External Outfall	001	2022	November	27	0.50	0.219			0.204																														
TN0024449	External Outfall	001	2022	November	28		0.226			0.223		17.8	15.3														4.0	3.4	6.4	6.6	1.6	0.0					1.00			
TN0024449	External Outfall	001	2022	November	29	2.50	0.397			0.423		16.9	13.9							43.0	2.5	8.8	94.2			4.2	3.5	6.3	6.6	1.5	0.0	1.0					0.90			
TN0024449	External Outfall	001	2022	November	30		0.362			0.401		17.0	14.1	95.6	3.2	10.7	96.7	3.2	10.7	41.0	2.0	6.7	95.1		6.7	4.0	3.2	6.4	6.6	1.5	0.0	1.0					0.90			
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	5.35	6.676			6.275	0.0					74.7							52.1																
						AVERAGE		0.223			0.209		17.9	15.4	96.2	3.3	5.7	96.6	3.3	5.7	41.6	2.0	3.7	95.3	#DIV/0!	3.3	4.5	3.7		1.5	0.0	1.1				0.93	#DIV/0!			
						MAXIMUM	2.50	0.397	0.000		0.423	0.0	19.3	18.8	103.0	3.7	10.7	96.9	3.7	10.7	45.0	2.5	8.8	96.6	0.0	6.7	4.8	4.1	6.4	6.7	1.6	0.0	2.0			1.00	0.0			
						MINIMUM		0.154			0.163		16.3	10.4	91.3	3.1	4.4	96.1	3.1	4.4	39.0	1.5	2.3	94.2	0.0	2.3	4.0	3.2	6.3	6.4	1.5	0.0	1.0				0.90	0.0		
PERMIT LIMIT DAILY MAX												0.0			45.0	9999.0					45.0	9999.0									1.0			941.0			1.40			
PERMIT LIMIT DAILY MIN																40.0												1.0		6.0										
PERMIT LIMIT MONTHLY W/LY/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: oct. mor city of copperhill

Angela Oberschmidt <Angela.Oberschmidt@tn.gov>

Mon 12/12/2022 10:14 AM

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

For Waterlog Copperhill STP.

Thanks

Angela

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

Sent: Thursday, December 8, 2022 1:10 PM

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

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

Subject: [EXTERNAL] oct. mor city of copperhill

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