

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 <sub>5</sub> INFLUENT (mg/L)	BOD <sub>5</sub> EFFLUENT (mg/L)	BOD <sub>5</sub> EFFLUENT (POUNDS)	BOD <sub>5</sub> PERCENT REMOVAL	BOD <sub>5</sub> EFFLUENT WEEKLY AVERAGE (mg/L)	BOD <sub>5</sub> 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 INFLUENT (mg/L)	Settleable Solids EFFLUENT (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	2023	May	1		0.359			0.362		16.8	15.9													4.3	3.4	6.4	6.6	1.5		0.0				2.0	0.83			
TN0024449	External Outfall	001	2023	May	2		0.337			0.334		16.6	15.8							40.0	2.0	5.6	95.0	2.0	5.6	4.4	3.6	6.5	6.8	1.5		0.0				2.0	0.83			
TN0024449	External Outfall	001	2023	May	3		0.336			0.354		16.4	15.8	102.0	3.7	10.9	96.4	3.7	10.9	39.0	2.0	5.9	94.9	2.0	5.9	4.2	3.4	6.4	6.6	1.4		0.0			1.0	0.80				
TN0024449	External Outfall	001	2023	May	4		0.353			0.334		16.2	16.0	102.0	3.7	10.3	96.4	3.7	10.3	39.0	1.5	4.2	96.2	1.5	4.2	4.3	3.5	6.3	6.6	1.5		0.0			1.0	0.80				
TN0024449	External Outfall	001	2023	May	5	0.25	0.378			0.323		16.6	16.1	98.0	3.7	10.0	96.2	3.7	10.0							4.1	4.1	3.6	6.4	6.7	1.6						0.80			
TN0024449	External Outfall	001	2023	May	6		0.332			0.330																														
TN0024449	External Outfall	001	2023	May	7	0.50	0.339			0.300																														
TN0024449	External Outfall	001	2023	May	8		0.372			0.329		16.4	16.0														3.9	3.3	6.4	6.6	1.5		0.0				0.80			
TN0024449	External Outfall	001	2023	May	9		0.341			0.298		16.2	15.9							34.0	2.0	5.0	94.1	2.0	5.0	4.0	3.2	6.4	6.6	1.5		0.0			2.0	0.80				
TN0024449	External Outfall	001	2023	May	10		0.382			0.286		16.4	15.7	102.0	3.7	8.8	96.4	3.7	8.8	37.0	2.0	4.8	94.6	2.0	4.8	4.0	3.3	6.4	6.7	1.5		0.0			2.0	0.80				
TN0024449	External Outfall	001	2023	May	11	0.10	0.362			0.307		16.2	15.5	102.0	3.7	9.5	96.4	3.7	9.5	35.0	2.0	5.1	94.3	2.0	5.1	4.1	3.2	6.3	6.6	1.5		0.0			1.0	0.80				
TN0024449	External Outfall	001	2023	May	12		0.347			0.275		16.6	15.5	101.0	3.7	8.5	96.3	3.7	8.5							4.3	3.4	6.3	6.7	1.6		0.0				0.80				
TN0024449	External Outfall	001	2023	May	13		0.343			0.269																														
TN0024449	External Outfall	001	2023	May	14		0.329			0.258																														
TN0024449	External Outfall	001	2023	May	15	0.50	0.364			0.288		16.4	15.3														4.0	3.2	6.3	6.6	1.5		0.0				0.80			
TN0024449	External Outfall	001	2023	May	16	0.50	0.364			0.295		16.6	15.1							39.0	2.0	4.9	94.9	2.0	4.9	4.2	3.0	6.4	6.6	1.5		0.0			1.0	0.75				
TN0024449	External Outfall	001	2023	May	17		0.336			0.295		16.3	15.3	101.0	3.7	9.1	96.3	3.7	9.1	41.0	2.0	4.9	95.1	2.0	4.9	4.0	3.1	6.4	6.7	1.6		0.0			2.0	0.80				
TN0024449	External Outfall	001	2023	May	18		0.358			0.288		16.0	15.1	91.3	3.7	8.9	95.9	3.7	8.9	38.0	2.0	4.8	94.7	2.0	4.8	3.9	3.3	6.3	6.6	1.5		0.0			1.0	0.80				
TN0024449	External Outfall	001	2023	May	19		0.374			0.260		16.4	15.7	105.0	3.7	8.0	96.5	3.7	8.0							4.1	3.3	6.4	6.7	1.5		0.0				0.80				
TN0024449	External Outfall	001	2023	May	20	1.25	0.369			0.327																														
TN0024449	External Outfall	001	2023	May	21		0.332			0.299																														
TN0024449	External Outfall	001	2023	May	22		0.336			0.286		16.2	15.5														4.0	3.4	6.5	6.7	1.4		0.0				0.80			
TN0024449	External Outfall	001	2023	May	23		0.326			0.307		16.0	15.7							39.0	2.0	5.1	94.9	2.0	5.1	3.9	3.3	6.4	6.6	1.5		0.0			1.0	0.80				
TN0024449	External Outfall	001	2023	May	24		0.341			0.291		15.9	15.1	98.0	3.7	9.0	96.2	3.7	9.0	40.0	2.0	4.9	95.0	2.0	4.9	4.0	3.1	6.4	6.6	1.5		0.0			2.0	0.80				
TN0024449	External Outfall	001	2023	May	25		0.326			0.276		15.5	15.0	97.0	3.7	8.5	96.2	3.7	8.5	39.0	1.5	3.5	96.2	1.5	3.5	4.2	3.4	6.4	6.7	1.5		0.0			2.0	0.80				
TN0024449	External Outfall	001	2023	May	26		0.331			0.280		16.7	16.3	96.3	3.7	8.6	96.2	3.7	8.6							4.3	3.6	6.7	6.8	1.6		0.0				0.80				
TN0024449	External Outfall	001	2023	May	27		0.319			0.263																														
TN0024449	External Outfall	001	2023	May	28		0.311			0.267																														
TN0024449	External Outfall	001	2023	May	29		0.292			0.251		16.3	15.9														4.1	3.3	6.6	6.7	1.5		0.0				0.80			
TN0024449	External Outfall	001	2023	May	30		0.317			0.262		16.0	15.4							38.0	2.0	4.4	94.7	2.0	4.4	4.0	3.2	6.5	6.6	1.4		0.0			2.0	0.80				
TN0024449	External Outfall	001	2023	May	31	1.00	0.342			0.290		16.3	15.7	136.0	2.8	6.8	97.9	2.8	6.8	38.0	2.0	4.8	94.7	2.0	4.8	4.1	3.0	6.4	6.7	1.4		0.0			2.0	0.80				
TOTAL						4.10	10.648			9.182	0.0					116.9						67.8																		
AVERAGE						0.343				0.296		16.3	15.6	102.4	3.6	9.0	96.5	3.6	9.0	42.3	1.9	4.8	95.4	1.9	4.8	4.1	3.3			1.5		0.0			1.5	0.80	#DIV/0!			
MAXIMUM						1.25	0.382	0.000		0.362	0.0	16.8	16.3	136.0	3.7	10.9	97.9	3.7	10.9	98.5	2.0	5.9	100.0	2.0	5.9	4.4	3.6	6.7	6.8	1.6		0.0			2.0	0.83	0.0			
MINIMUM							0.292		0.000	0.251		15.5	15.0	91.3	2.8	6.8	95.9	2.8	6.8	34.0	1.5	3.5	94.1	1.5	3.5	3.9	3.0	6.3	6.6	1.4		0.0			1.0	0.75	0.0			
PERMIT LIMIT DAILY MAX													0.0		45.0	9999.0							45.0	9999.0											9.0				1.40	
PERMIT LIMIT DAILY MIN																																								
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									126.0				

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.

\*E. Coli geomean is shown in the Average row

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joseph allen  
Signature

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14841  
Certification #

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Grade

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Copperhill STP  
Plant

\_\_\_\_\_  
Polk  
County

**Fw: EMOR MAY MOR CITY OF COPPERHILL**

Angela Oberschmidt

Mon 6/12/2023 6:45 AM

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

 1 attachments (1 MB)

May MOR 2023.xlsx;

Copperhill MOR.

Thanks

Angela

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

**Sent:** Friday, June 9, 2023 2:11 PM

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

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

**Subject:** [EXTERNAL] EMOR MAY MOR CITY OF COPPERHILL

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