

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	CBOD <sub>5</sub> INFLUENT (mg/L)	CBOD <sub>5</sub> EFFLUENT (mg/L)	CBOD <sub>5</sub> EFFLUENT (POUNDS)	CBOD <sub>5</sub> PERCENT REMOVAL	CBOD <sub>5</sub> EFFLUENT WEEKLY AVERAGE (mg/L)	CBOD <sub>5</sub> EFFLUENT WEEKLY AVERAGE (POUNDS)	Ammonia-N Effluent (mg/L)	Ammonia-N Effluent (POUNDS)	Ammonia-Effluent Weekly Average (mg/L)	Ammonia-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 EFFLUENT (mg/L)	pH EFFLUENT (S. U.)	Less Than (5) Sulfate Solids Effluent (mg/L)	Less Than (5) E. coli	EFFLUENT E. COLI	Total Nitrogen Effluent (mg/L)	Total Nitrogen Effluent (POUNDS)	Total Phosphorus Effluent (mg/L)	Total Phosphorus Effluent (POUNDS)						
TN0067539	External Outfall	001	2024	April	1		1.000	3.384	0.103	0.989		77.0	0.7	5.4	99.2	0.7	5.4	0.100	0.825	0.100	0.825	299.0	0.3	2.5	99.9	0.3	2.5	8.6	7.6	<	0.1	<	1.0	1.5	12.5	1.1	9.2					
TN0067539	External Outfall	001	2024	April	2		1.140	2.971	0.419	1.128																																
TN0067539	External Outfall	001	2024	April	3	0.60	1.182	3.487	0.474	1.144																																
TN0067539	External Outfall	001	2024	April	4	0.06	0.971	2.959	0.383	0.969																																
TN0067539	External Outfall	001	2024	April	5		0.905	3.153	0.407	0.886																																
TN0067539	External Outfall	001	2024	April	6		0.807	2.090	0.413	0.767																																
TN0067539	External Outfall	001	2024	April	7		0.768	2.272	0.377	0.723																																
TN0067539	External Outfall	001	2024	April	8		0.785	2.697	0.103	0.777								0.100	0.648	0.100	0.648	290.0	0.6	3.6	99.8	0.6	3.6	8.5	7.7	<	0.1	<	1.0	2.3	14.8	1.9	12.4					
TN0067539	External Outfall	001	2024	April	9	0.06	0.972	2.916	0.352	0.971		136.3	1.1	8.8	99.2	1.1	8.8																									
TN0067539	External Outfall	001	2024	April	10	0.56	0.958	2.217	0.431	0.951																																
TN0067539	External Outfall	001	2024	April	11	0.04	1.057	3.208	0.067	1.073																																
TN0067539	External Outfall	001	2024	April	12	0.52	0.999	2.461	0.140	0.972																																
TN0067539	External Outfall	001	2024	April	13		0.781	1.731	0.346	0.749																																
TN0067539	External Outfall	001	2024	April	14		0.751	1.944	0.352	0.716																																
TN0067539	External Outfall	001	2024	April	15		0.814	2.594	0.346	0.803								0.100	0.670	0.100	0.670	431.0	1.2	7.7	99.7	1.2	7.7	9.0	7.8	<	0.1	<	1.0	5.2	1.8	11.9						
TN0067539	External Outfall	001	2024	April	16		0.806	2.029	0.091	0.801																																
TN0067539	External Outfall	001	2024	April	17		0.833	2.345	0.352	0.851		143.6	1.1	7.8	99.2	1.1	7.8																									
TN0067539	External Outfall	001	2024	April	18	0.14	0.774	2.260	0.365	0.760																																
TN0067539	External Outfall	001	2024	April	19	0.20	0.832	2.357	0.340	0.819																																
TN0067539	External Outfall	001	2024	April	20		0.745	2.479	0.334	0.735																																
TN0067539	External Outfall	001	2024	April	21	0.17	0.700	1.646	0.340	0.701																																
TN0067539	External Outfall	001	2024	April	22		0.710	2.509	0.182	0.695								0.100	0.580	0.100	0.580	350.0	0.8	4.3	99.8	0.8	4.3	9.3	7.6	<	0.1	<	1.0	3.1	1.9	11.2						
TN0067539	External Outfall	001	2024	April	23		0.706	2.200	0.279	0.724																																
TN0067539	External Outfall	001	2024	April	24		0.641	2.339	0.031	0.665		163.5	1.2	6.8	99.3	1.2	6.8																									
TN0067539	External Outfall	001	2024	April	25	0.01	0.660	1.968	0.279	0.661																																
TN0067539	External Outfall	001	2024	April	26		0.661	2.734	0.298	0.683																																
TN0067539	External Outfall	001	2024	April	27	0.03	0.582	2.345	0.170	0.611																																
TN0067539	External Outfall	001	2024	April	28		0.580	2.169	0.286	0.584																																
TN0067539	External Outfall	001	2024	April	29		0.663	2.388	0.172	0.689								0.103	0.592	0.103	0.592	363.0	2.2	12.4	99.4	2.2	12.4	8.5	7.8	<	0.1	<	1.0									
TN0067539	External Outfall	001	2024	April	30	0.66	0.809	3.220	0.091	0.843																																
TOTAL						3.05	24.592			24.440	0.0			28.8						3.314																		50.5		51.3		
AVERAGE							0.820		0.815			130.1	1.0	7.2	99.2				0.101	0.663			346.6	1.0	6.1	99.7			8.7						1.7	1.9	12.6	1.9	12.8			
MAXIMUM						0.66	1.182	3.487		1.144	0.0	163.5	1.2	8.8	99.3	1.2	8.8		0.103	0.825	0.103	0.825	431.0	2.2	12.4	99.9	2.2	12.4	9.3	7.8		0.1	9.7	2.3	14.8	2.6	15.6					
MINIMUM							0.580		0.031	0.584		77.0	0.7	5.4	99.2						0.100	0.580			290.0	0.3	2.5	99.4			8.2	7.3		0.1	1.0	1.5	11.2	1.1	9.2			
PERMIT LIMIT DAILY MAX																																										
PERMIT LIMIT DAILY MIN																																										
PERMIT LIMIT MONTHLY WKL/Y/AVG																																										

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 geometric mean shown in the Average row

Signature \_\_\_\_\_  
IV \_\_\_\_\_  
Grade Certification # 2755

North Mouse Creek STP Plant  
McMinn County


Notes:

## [EXTERNAL] NMC EMOR April 2024

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Wed 5/8/2024 2:45 PM

To:Angela Oberschmidt <[Angela.Oberschmidt@tn.gov](mailto:Angela.Oberschmidt@tn.gov)>;DWRWW Report <[DWRWW.Report@tn.gov](mailto:DWRWW.Report@tn.gov)>;Cali Calderwood <[Cali.Calderwood@tn.gov](mailto:Cali.Calderwood@tn.gov)>;Hannah L. Biggs <[Hannah.L.Biggs@tn.gov](mailto:Hannah.L.Biggs@tn.gov)>

 1 attachments (915 KB)

North Mouse Creek STP eMOR 2024.xlsx;

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NMC EMOR April 2024

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