

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 ₅ INFLUENT (mg/L)	CBOD ₅ EFFLUENT (mg/L)	CBOD ₅ EFFLUENT (POUNDS)	CBOD ₅ PERCENT REMOVAL	CBOD ₅ EFFLUENT WEEKLY AVERAGE (mg/L)	CBOD ₅ 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			
TN0067539	External Outfall	001	2024	May	1	0.03	0.677	2.332	0.273	0.692		186.5	1.4	8.1	99.2	1.4	8.1											
TN0067539	External Outfall	001	2024	May	2		0.655	1.780	0.292	0.664																		
TN0067539	External Outfall	001	2024	May	3		0.749	2.521	0.322	0.796																		
TN0067539	External Outfall	001	2024	May	4	0.50	0.814	2.290	0.383	0.841																		
TN0067539	External Outfall	001	2024	May	5	0.36	0.755	2.113	0.049	0.769																		
TN0067539	External Outfall	001	2024	May	6		0.865	2.363	0.073	0.898								0.100	0.749	0.100	0.749	206.0	2.0	14.6	99.1			
TN0067539	External Outfall	001	2024	May	7	0.42	0.790	1.993	0.061	0.816		164.2	1.1	7.7	99.3	1.1	7.7											
TN0067539	External Outfall	001	2024	May	8	0.04	2.176	4.806	0.377	2.148																		
TN0067539	External Outfall	001	2024	May	9	3.75	4.331	4.806	2.448	4.164																		
TN0067539	External Outfall	001	2024	May	10	0.28	2.425	4.411	1.116	2.428																		
TN0067539	External Outfall	001	2024	May	11		1.620	3.765	0.626	1.695																		
TN0067539	External Outfall	001	2024	May	12		1.251	2.679	0.577	1.232																		
TN0067539	External Outfall	001	2024	May	13		1.105	2.783	0.437	1.143								0.100	0.953	0.100	0.953	237.0	0.7	6.7	99.7			
TN0067539	External Outfall	001	2024	May	14		1.081	2.789	0.547	1.132																		
TN0067539	External Outfall	001	2024	May	15	0.61	1.067	2.211	0.334	1.103		106.9	0.9	8.6	99.1	0.9	8.6											
TN0067539	External Outfall	001	2024	May	16	0.18	0.950	2.112	0.419	2.949																		
TN0067539	External Outfall	001	2024	May	17		0.930	2.825	0.346	0.958																		
TN0067539	External Outfall	001	2024	May	18	0.10	0.856	2.473	0.383	0.862																		
TN0067539	External Outfall	001	2024	May	19	0.31	0.768	1.671	0.352	0.762																		
TN0067539	External Outfall	001	2024	May	20		0.813	2.291	0.352	0.824													296.0	1.1	7.2	99.6		
TN0067539	External Outfall	001	2024	May	21		0.766	2.381	0.340	0.779								0.122	0.793	0.122	0.793							
TN0067539	External Outfall	001	2024	May	22		0.706	1.731	0.061	0.734		205.5	1.5	9.0	99.3	1.5	9.0											
TN0067539	External Outfall	001	2024	May	23	0.02	1.726	4.447	0.316	1.772																		
TN0067539	External Outfall	001	2024	May	24	1.74	1.632	3.937	0.645	1.653																		
TN0067539	External Outfall	001	2024	May	25	0.08	2.418	4.563	0.790	2.403																		
TN0067539	External Outfall	001	2024	May	26	0.83	1.784	4.044	0.784	1.777																		
TN0067539	External Outfall	001	2024	May	27	1.25	3.268	4.806	1.538	3.205																		
TN0067539	External Outfall	001	2024	May	28	0.03	2.023	4.216	0.930	2.001																		
TN0067539	External Outfall	001	2024	May	29		1.563	3.955	0.693	1.535		53.4	0.6	7.3	98.9	0.6	7.3						207.0	0.4	4.5	99.8		
TN0067539	External Outfall	001	2024	May	30		1.223	3.036	0.579	1.200								0.100	1.001	0.100	1.001							
TN0067539	External Outfall	001	2024	May	31		1.075	2.309	0.407	1.051																		
						TOTAL	10.53	42.862		44.986	0.0			40.6				3.496							33.0			
						AVERAGE		1.383			1.451		143.3	1.1	8.1	99.2			0.106	0.874			236.5	1.0	8.2	99.6		
						MAXIMUM	3.75	4.331	4.806		4.164	0.0	205.5	1.5	9.0	99.3	1.5	9.0	0.122	1.001	0.122	1.001	296.0	2.0	14.6	99.8		
						MINIMUM		0.655		0.049	0.664		53.4	0.6	7.3	98.9			0.100	0.749			206.0	0.4	4.5	99.1		
						PERMIT LIMIT DAILY MAX													4.000	9999.000					45.0	9999.0		
						PERMIT LIMIT MONTHLY MIN																					40.0	
						PERMIT LIMIT MONTHLY WKLY/AVG							12.5	125.0	85.0	17.0	170.0	2.000	20.000	3.000	30.000			30.0	300.0	85.0		

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

North Mouse Creek STP

Notes:

Signature

Plant

IV

2755

Grade

Certification #

McMinn

County

PERMIT NUMBER	PERMIT FEATURE TYPE DESCRIPTION	PERMIT FEATURE ID	YEAR	MONTH	DATE	TSS EFFLUENT WEEKLY AVERAGE (mg/L)	TSS EFFLUENT WEEKLY AVERAGE (POUNDS)	DO EFFLUENT (mg/L)	pH EFFLUENT (S. U.)	Less Than (<) Settleable Solids EFFLUENT (m/L)	Less Than (<) 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	May	1			8.4	7.5			1.0	2.5	14.5	3.0	17.2		
TN0067539	External Outfall	001	2024	May	2			8.3	7.6									
TN0067539	External Outfall	001	2024	May	3			8.3	7.6									
TN0067539	External Outfall	001	2024	May	4													
TN0067539	External Outfall	001	2024	May	5													
TN0067539	External Outfall	001	2024	May	6	2.0	14.6	8.3	7.8			2.0	2.1	15.7				
TN0067539	External Outfall	001	2024	May	7			8.1	7.6	<	0.1	<	1.0		2.9	19.5		
TN0067539	External Outfall	001	2024	May	8			8.0	7.6			1.0						
TN0067539	External Outfall	001	2024	May	9			7.7	7.0									
TN0067539	External Outfall	001	2024	May	10			8.0	7.2									
TN0067539	External Outfall	001	2024	May	11													
TN0067539	External Outfall	001	2024	May	12													
TN0067539	External Outfall	001	2024	May	13	0.7	6.7	8.6	7.7	<	0.1	<	1.0	1.4	13.4	0.6	5.8	
TN0067539	External Outfall	001	2024	May	14			8.4	7.4			<	1.0					
TN0067539	External Outfall	001	2024	May	15			8.3	7.4			<	1.0					
TN0067539	External Outfall	001	2024	May	16			8.4	7.4									
TN0067539	External Outfall	001	2024	May	17			8.2	7.4									
TN0067539	External Outfall	001	2024	May	18													
TN0067539	External Outfall	001	2024	May	19													
TN0067539	External Outfall	001	2024	May	20	1.1	7.2	8.3	7.8	<	0.1		1.0					
TN0067539	External Outfall	001	2024	May	21			8.1	7.6			<	1.0	1.9	12.1	2.5	16.5	
TN0067539	External Outfall	001	2024	May	22			8.0	7.6			<	1.0					
TN0067539	External Outfall	001	2024	May	23			8.0	7.5									
TN0067539	External Outfall	001	2024	May	24			7.7	7.3									
TN0067539	External Outfall	001	2024	May	25													
TN0067539	External Outfall	001	2024	May	26													
TN0067539	External Outfall	001	2024	May	27			7.5	7.4									
TN0067539	External Outfall	001	2024	May	28			8.1	7.4	<	0.1	<	1.0					
TN0067539	External Outfall	001	2024	May	29	0.4	4.5	8.5	7.3				1.0		0.8	10.6		
TN0067539	External Outfall	001	2024	May	30			8.5	7.4			<	1.0					
TN0067539	External Outfall	001	2024	May	31			8.3	7.4				3.1	27.5				
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									83.4		69.6	
						AVERAGE			8.2			0.1		1.1	2.2	16.7	2.0	13.9
						MAXIMUM	2.0	14.6	8.6	7.8		0.1		2.0	3.1	27.5	3.0	19.5
						MINIMUM			7.5	7.0		0.1		1.0	1.4	12.1	0.6	5.8
PERMIT LIMIT DAILY MAX								9.0		1.0	941.0	9999.0	9999.0	9999.0	9999.0			
PERMIT LIMIT DAILY MIN								6.0	6.0									
PERMIT LIMIT MONTHLY WKL/AVG						40.0	400.0	0.0				126.0	9999.0	9999.0	9999.0	9999.0		

*E. Coli geomean is shown in the Average row

Signature

IV

2755

Grade


Certification #

[EXTERNAL] NMC EMOR

John Sullivan <jsullivan@aub.org>

Thu 6/6/2024 10:53 AM

To: DWRWW Report <DWRWW.Report@tn.gov>; Angela Oberschmidt <Angela.Oberschmidt@tn.gov>; Cali Calderwood <Cali.Calderwood@tn.gov>; Hannah L. Biggs <Hannah.L.Biggs@tn.gov>

 1 attachments (918 KB)

North Mouse Creek STP eMOR 2024.xlsx;

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Copy of NMC EMOR for May 2024

John sullivan
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