

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	March	1	0.17	0.895	3.262	0.419	0.846																
TN0067539	External Outfall	001	2024	March	2	0.16	0.820	2.970	0.425	0.765																
TN0067539	External Outfall	001	2024	March	3	0.02	0.783	2.600	0.389	0.707																
TN0067539	External Outfall	001	2024	March	4		0.841	2.088	0.341	0.781							0.100	0.651	0.100	0.651	399.0	0.4	2.6	99.9		
TN0067539	External Outfall	001	2024	March	5		0.872	2.527	0.410	0.838		143.5	0.9	6.4	99.4	0.9	6.4									
TN0067539	External Outfall	001	2024	March	6	0.63	1.541	3.670	0.656	1.474																
TN0067539	External Outfall	001	2024	March	7	0.44	1.247	3.183	0.176	1.182																
TN0067539	External Outfall	001	2024	March	8		1.229	3.512	0.547	1.184																
TN0067539	External Outfall	001	2024	March	9	0.20	1.164	3.420	0.547	1.111																
TN0067539	External Outfall	001	2024	March	10	0.25	1.000	3.238	0.474	0.941																
TN0067539	External Outfall	001	2024	March	11		0.980	2.284	0.437	0.830								0.100	0.692	0.100	0.692	150.0	0.2	1.0	99.9	
TN0067539	External Outfall	001	2024	March	12		0.903	2.643	0.415	0.762																
TN0067539	External Outfall	001	2024	March	13		0.846	2.928	0.371	0.802		337.2	11.1	74.0	96.7	11.1	74.0									
TN0067539	External Outfall	001	2024	March	14		0.876	2.661	0.379	0.863																
TN0067539	External Outfall	001	2024	March	15	1.00	2.608	4.696	0.778	2.560																
TN0067539	External Outfall	001	2024	March	16	0.40	1.667	3.852	0.699	1.604																
TN0067539	External Outfall	001	2024	March	17		1.380	3.599	0.595	1.352																
TN0067539	External Outfall	001	2024	March	18	0.03	1.189	3.445	0.529	1.152																
TN0067539	External Outfall	001	2024	March	19		1.069	2.995	0.158	1.021								0.100	0.852	0.100	0.852	248.0	0.5	4.3	99.8	
TN0067539	External Outfall	001	2024	March	20		0.991	3.281	0.431	0.955		109.7	1.2	9.3	98.9	1.2	9.3									
TN0067539	External Outfall	001	2024	March	21		0.900	2.902	0.413	0.862																
TN0067539	External Outfall	001	2024	March	22		1.104	3.044	0.504	1.084																
TN0067539	External Outfall	001	2024	March	23	0.69	1.083	3.402	0.468	1.055																
TN0067539	External Outfall	001	2024	March	24		0.898	3.190	0.431	0.871																
TN0067539	External Outfall	001	2024	March	25		0.904	2.321	0.413	0.888		112.5	2.2	16.3	98.0	2.2	16.3	0.100	0.741	0.100	0.741	281.0	0.8	5.9	99.7	
TN0067539	External Outfall	001	2024	March	26	0.25	2.412	4.490	0.687	2.373																
TN0067539	External Outfall	001	2024	March	27	1.15	1.782	3.991	0.778	1.733																
TN0067539	External Outfall	001	2024	March	28		1.428	3.542	0.583	1.408																
TN0067539	External Outfall	001	2024	March	29		1.187	3.098	0.529	1.138																
TN0067539	External Outfall	001	2024	March	30		1.070	3.080	0.410	1.034																
TN0067539	External Outfall	001	2024	March	31		0.943	3.044	0.462	0.900																
						TOTAL	5.39	36.612		35.076	0.0			106.1				2.936							13.8	
						AVERAGE		1.181			1.131		175.7	3.8	26.5	97.8		0.100	0.734			269.5	0.5	3.5	99.8	
						MAXIMUM	1.15	2.608	4.696		2.560	0.0	337.2	11.1	74.0	99.4	11.1	74.0	0.100	0.852	0.100	0.852	399.0	0.8	5.9	99.9
						MINIMUM		0.783		0.158	0.707		109.7	0.9	6.4	96.7		0.100	0.651			150.0	0.2	1.0	99.7	
						PERMIT LIMIT DAILY MAX							34.0	9999.0				6.000	9999.000				45.0	9999.0		
						PERMIT LIMIT DAILY MIN																			40.0	
						PERMIT LIMIT MONTHLY WKLY/AVG							20.0	200.0	85.0	27.0	270.0	3.000	30.000	4.500	45.000		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
Plant

Notes:

Signature

IV
Grade

2755
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	March	1			9.2	7.6								
TN0067539	External Outfall	001	2024	March	2												
TN0067539	External Outfall	001	2024	March	3												
TN0067539	External Outfall	001	2024	March	4	0.4	2.6	8.8	7.6	<	0.1	<	1.0	1.5	9.6	0.7	4.5
TN0067539	External Outfall	001	2024	March	5			8.9	7.6				1.0				
TN0067539	External Outfall	001	2024	March	6			8.7	7.5				2.0				
TN0067539	External Outfall	001	2024	March	7			8.9	7.4								
TN0067539	External Outfall	001	2024	March	8			8.9	7.5								
TN0067539	External Outfall	001	2024	March	9												
TN0067539	External Outfall	001	2024	March	10												
TN0067539	External Outfall	001	2024	March	11	0.2	1.0	9.6	7.7	<	0.1	<	1.0	1.5	10.3	0.9	6.5
TN0067539	External Outfall	001	2024	March	12			9.2	7.5			<	1.0				
TN0067539	External Outfall	001	2024	March	13			9.0	7.4			<	1.0				
TN0067539	External Outfall	001	2024	March	14			8.9	7.4								
TN0067539	External Outfall	001	2024	March	15			8.2	7.2								
TN0067539	External Outfall	001	2024	March	16												
TN0067539	External Outfall	001	2024	March	17												
TN0067539	External Outfall	001	2024	March	18			8.7	7.5	<	0.1	<	1.0				
TN0067539	External Outfall	001	2024	March	19	0.5	4.3	9.1	7.3			<	1.0	1.6	14.0	1.0	8.2
TN0067539	External Outfall	001	2024	March	20			9.1	7.3			<	1.0				
TN0067539	External Outfall	001	2024	March	21			9.2	7.4								
TN0067539	External Outfall	001	2024	March	22			9.2	7.4								
TN0067539	External Outfall	001	2024	March	23												
TN0067539	External Outfall	001	2024	March	24												
TN0067539	External Outfall	001	2024	March	25	0.8	5.9	9.3	7.8	<	0.1		1.0	2.1	15.7	1.9	14.1
TN0067539	External Outfall	001	2024	March	26			8.8	7.5				1.0				
TN0067539	External Outfall	001	2024	March	27			8.6	7.4				9.8				
TN0067539	External Outfall	001	2024	March	28			9.0	7.4								
TN0067539	External Outfall	001	2024	March	29			8.6	7.4								
TN0067539	External Outfall	001	2024	March	30												
TN0067539	External Outfall	001	2024	March	31												
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								49.6		33.3	
						AVERAGE			8.9		0.1		1.3	1.7	12.4	1.1	8.3
						MAXIMUM	0.8	5.9	9.6	7.8	0.1		9.8	2.1	15.7	1.9	14.1
						MINIMUM			8.2	7.2	0.1		1.0	1.5	9.6	0.7	4.5
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 WQLY/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 March 2024

John Sullivan <jsullivan@aub.org>

Thu 4/4/2024 1:14 PM

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 (911 KB)

North Mouse Creek STP eMOR 2024.xlsx;

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NMC EMOR March 2024

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