

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	
TN0067539	External Outfall	001	2023	November	1		0.580	1.561	0.240	0.524																
TN0067539	External Outfall	001	2023	November	2		0.593	1.519	0.231	0.524		231.4	1.7	7.4	99.3	1.7	7.4									
TN0067539	External Outfall	001	2023	November	3		0.592	2.290	0.243	0.526																
TN0067539	External Outfall	001	2023	November	4		0.538	1.452	0.015	0.469																
TN0067539	External Outfall	001	2023	November	5		0.523	1.383	0.231	0.466																
TN0067539	External Outfall	001	2023	November	6		0.548	1.838	0.237	0.490												382.0	1.3	5.3	99.7	
TN0067539	External Outfall	001	2023	November	7		0.606	2.254	0.249	0.591								0.100	0.493	0.100	0.493					
TN0067539	External Outfall	001	2023	November	8		0.561	2.348	0.231	0.555		229.9	2.3	10.6	99.0	2.3	10.6									
TN0067539	External Outfall	001	2023	November	9		0.552	1.482	0.225	0.570																
TN0067539	External Outfall	001	2023	November	10		0.562	2.339	0.225	0.574																
TN0067539	External Outfall	001	2023	November	11	0.06	0.485	1.896	0.225	0.484																
TN0067539	External Outfall	001	2023	November	12		0.498	1.853	0.213	0.473																
TN0067539	External Outfall	001	2023	November	13		0.542	2.175	0.202	0.517								0.100	0.431	0.100	0.431	281.0	0.5	1.9	99.8	
TN0067539	External Outfall	001	2023	November	14		0.552	2.311	0.237	0.537																
TN0067539	External Outfall	001	2023	November	15		0.580	2.084	0.144	0.575		259.4	1.5	7.2	99.4	1.5	7.2									
TN0067539	External Outfall	001	2023	November	16		0.560	1.555	0.091	0.537																
TN0067539	External Outfall	001	2023	November	17		0.548	2.145	0.213	0.541																
TN0067539	External Outfall	001	2023	November	18		0.489	1.403	0.194	0.473																
TN0067539	External Outfall	001	2023	November	19		0.481	1.786	0.207	0.446																
TN0067539	External Outfall	001	2023	November	20		0.578	2.333	0.085	0.575												291.0	0.7	3.1	99.8	
TN0067539	External Outfall	001	2023	November	21	0.20	1.275	4.058	0.261	1.303		150.3	1.3	14.3	99.1	1.3	14.3	0.100	1.087	0.100	1.087					
TN0067539	External Outfall	001	2023	November	22	2.28	0.661	2.309	0.243	0.676																
TN0067539	External Outfall	001	2023	November	23		0.438	1.386	0.067	0.414																
TN0067539	External Outfall	001	2023	November	24		0.504	1.610	0.231	0.494																
TN0067539	External Outfall	001	2023	November	25		0.534	1.902	0.251	0.510																
TN0067539	External Outfall	001	2023	November	26		0.508	1.452	0.231	0.506																
TN0067539	External Outfall	001	2023	November	27	0.03	0.542	1.598	0.232	0.577								0.100	0.481	0.100	0.481	286.0	0.2	1.0	99.9	
TN0067539	External Outfall	001	2023	November	28		0.564	1.525	0.243	0.477																
TN0067539	External Outfall	001	2023	November	29		0.562	2.102	0.079	0.473		224.5	1.0	3.8	99.6	1.0	3.8									
TN0067539	External Outfall	001	2023	November	30		0.557	2.023	0.079	0.588																
					TOTAL	2.57	17.113			16.465	0.0			43.4					2.492					11.3		
					AVERAGE		0.570			0.549		219.1	1.6	8.7	99.3			0.100	0.623			310.0	0.7	2.8	99.8	
					MAXIMUM	2.28	1.275	4.058		1.303	0.0	259.4	2.3	14.3	99.6	2.3	14.3	0.100	1.087	0.100	1.087	382.0	1.3	5.3	99.9	
					MINIMUM		0.438		0.015	0.414		150.3	1.0	3.8	99.0			0.100	0.431			281.0	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												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

McMinn

Grade

Certification #

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	2023	November	1			8.5	7.5		<	1.0					
TN0067539	External Outfall	001	2023	November	2			9.0	7.4								
TN0067539	External Outfall	001	2023	November	3			8.8	7.4								
TN0067539	External Outfall	001	2023	November	4												
TN0067539	External Outfall	001	2023	November	5												
TN0067539	External Outfall	001	2023	November	6	1.3	5.3	9.1	7.6	<	0.1	3.0					
TN0067539	External Outfall	001	2023	November	7			8.6	7.2		<	1.0	2.3	11.2	3.3	16.1	
TN0067539	External Outfall	001	2023	November	8			8.3	7.4		<	1.0					
TN0067539	External Outfall	001	2023	November	9			8.4	7.3								
TN0067539	External Outfall	001	2023	November	10			8.3	7.4								
TN0067539	External Outfall	001	2023	November	11												
TN0067539	External Outfall	001	2023	November	12												
TN0067539	External Outfall	001	2023	November	13	0.5	1.9	8.4	7.5	<	0.1	28.1	2.0	8.5	3.3	14.2	
TN0067539	External Outfall	001	2023	November	14			8.4	7.3			17.3					
TN0067539	External Outfall	001	2023	November	15			8.5	7.3			1.0					
TN0067539	External Outfall	001	2023	November	16			8.4	7.4								
TN0067539	External Outfall	001	2023	November	17			8.3	7.4								
TN0067539	External Outfall	001	2023	November	18												
TN0067539	External Outfall	001	2023	November	19												
TN0067539	External Outfall	001	2023	November	20	0.7	3.1	8.5	7.5	<	0.1	<	1.0				
TN0067539	External Outfall	001	2023	November	21			8.5	7.5		<	1.0	2.3	24.6	3.5	38.4	
TN0067539	External Outfall	001	2023	November	22			8.8	7.4			2.0					
TN0067539	External Outfall	001	2023	November	23			8.8	7.4								
TN0067539	External Outfall	001	2023	November	24			8.8	7.4								
TN0067539	External Outfall	001	2023	November	25												
TN0067539	External Outfall	001	2023	November	26												
TN0067539	External Outfall	001	2023	November	27	0.2	1.0	9.1	7.5	<	0.1	1.0	2.6	12.3	2.9	13.9	
TN0067539	External Outfall	001	2023	November	28			8.7	7.2			1.0					
TN0067539	External Outfall	001	2023	November	29			9.1	7.2		<	1.0					
TN0067539	External Outfall	001	2023	November	30			9.1	7.3								
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								56.7		82.5	
						AVERAGE		8.7		0.1		1.8	2.3	14.2	3.2	20.6	
						MAXIMUM		1.3	5.3	9.1	7.6	0.1	28.1	2.6	24.6	3.5	38.4
						MINIMUM				8.3	7.2	0.1	1.0	2.0	8.5	2.9	13.9
						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 WKLY/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

Grade


Certification #

**Fw: [EXTERNAL] NMC EMOR Nov. 2023**

Angela Oberschmidt <Angela.Oberschmidt@tn.gov>

Mon 12/18/2023 2:58 PM

To: Cali Calderwood <Cali.Calderwood@tn.gov>; Hannah L. Biggs <Hannah.L.Biggs@tn.gov>

 1 attachments (937 KB)

North Mouse Creek STP eMOR 2023.xlsx;

Athens North Mouse MOR.

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**From:** John Sullivan <jsullivan@aub.org>

**Sent:** Thursday, December 7, 2023 10:23 AM

**To:** DWRWW Report <DWRWW.Report@tn.gov>; Angela Oberschmidt <Angela.Oberschmidt@tn.gov>

**Subject:** [EXTERNAL] NMC EMOR Nov. 2023

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NMC EMOR November 2023

John sullivan

Athens Utilities Board

North Mouse Creek Facilities Supervisor

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