

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	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 INFLUENT (mg/L)	Ammonia N EFFLUENT (mg/L)	Ammonia N EFFLUENT (POUNDS)	Ammonia N PERCENT REMOVAL	Ammonia EFFLUENT WEEKLY AVERAGE (mg/L)	Ammonia EFFLUENT WEEKLY AVERAGE (POUNDS)	TSS INFLUENT (mg/L)			
TNO022888	External Outfall	001	2022	June	1	0.00	1.130			1.100	0.0			288.2	3.3	30.3	98.9			0.31	2.82					206.0			
TNO022888	External Outfall	001	2022	June	2	3.20	3.990			1.550	0.0			252.0	2.0	25.9	99.2			0.37	4.76					64.0			
TNO022888	External Outfall	001	2022	June	3	0.00	6.790			3.610	0.0			216.0	4.1	123.4	98.1									342.0			
TNO022888	External Outfall	001	2022	June	4	0.00	6.800			4.990	0.0								3.1	59.9									
TNO022888	External Outfall	001	2022	June	5	0.00	2.460			3.710	0.0																		
TNO022888	External Outfall	001	2022	June	6	0.20	2.100			1.370	0.0																		
TNO022888	External Outfall	001	2022	June	7	0.40	1.990			1.940	0.0										0.45	7.25							
TNO022888	External Outfall	001	2022	June	8	0.80	2.290			2.270	0.0			274.0	2.8	53.0	99.0				0.40	7.65					254.0		
TNO022888	External Outfall	001	2022	June	9	0.00	3.520			3.590	0.0			224.2	2.3	68.9	99.0				0.25	7.49					266.0		
TNO022888	External Outfall	001	2022	June	10	0.00	3.530			1.970	0.0			61.8	2.5	41.1	96.0		2.5	54.3					0.37	7.46	58.0		
TNO022888	External Outfall	001	2022	June	11	0.00	1.910			1.450	0.0																		
TNO022888	External Outfall	001	2022	June	12	0.00	1.400			1.220	0.0																		
TNO022888	External Outfall	001	2022	June	13	0.00	1.190			1.190	0.0																		
TNO022888	External Outfall	001	2022	June	14	0.00	1.160			1.230	0.0										0.50	5.17					208.0		
TNO022888	External Outfall	001	2022	June	15	0.00	1.170			1.100	0.0			234.9	2.0	18.3	99.1				0.34	3.08					230.0		
TNO022888	External Outfall	001	2022	June	16	0.00	0.990			1.070	0.0			219.6	2.2	19.6	99.0				0.33	2.91					256.0		
TNO022888	External Outfall	001	2022	June	17	0.00	1.110			1.100	0.0			324.2	2.0	18.3	99.4		2.1	18.8					0.39	3.72			
TNO022888	External Outfall	001	2022	June	18	0.00	1.110			0.940	0.0																		
TNO022888	External Outfall	001	2022	June	19	0.00	0.910			1.000	0.0																		
TNO022888	External Outfall	001	2022	June	20	0.00	0.940			1.000	0.0										0.51	4.16					252.0		
TNO022888	External Outfall	001	2022	June	21	0.00	0.940			0.980	0.0			244.6	3.5	28.3	98.6				0.36	2.88					174.0		
TNO022888	External Outfall	001	2022	June	22	0.00	0.910			0.970	0.0			357.4	3.3	29.4	99.1				0.12	1.03					250.0		
TNO022888	External Outfall	001	2022	June	23	0.00	1.030			1.070	0.0			273.8	2.9	24.2	98.9		3.2	27.3									
TNO022888	External Outfall	001	2022	June	24	0.00	1.040			1.000	0.0																		
TNO022888	External Outfall	001	2022	June	25	0.00	0.940			0.960	0.0																		
TNO022888	External Outfall	001	2022	June	26	0.00	0.900			0.870	0.0																		
TNO022888	External Outfall	001	2022	June	27	0.00	0.930			0.960	0.0																		
TNO022888	External Outfall	001	2022	June	28	0.00	0.820			0.870	0.0			288.6	2.5	19.2	99.1				0.10	0.72					640.0		
TNO022888	External Outfall	001	2022	June	29	0.00	0.850			0.920	0.0			351.0	2.1	17.5	99.4				0.06	0.47					440.0		
TNO022888	External Outfall	001	2022	June	30	0.00	0.990			1.000	0.0										0.12	1.00							
TNO022888	External Outfall	001	2022	June																	0.30	3.67					280.0		
						TOTAL	4.60	55.430		46.340	0.0																	280.0	
						AVERAGE	1.848			1.545				259.3	2.7	37.0	99.0		2.7	40.1							280.0		
						MAXIMUM	3.20	6.800	0.000	4.390	0.0			361.0	4.1	123.4	99.4		3.2	59.9							640.0		
						MINIMUM	0.820		0.000	0.870	0.0			61.8	2.0	17.5	96.0		2.1	18.8							58.0		
						PERMIT LIMIT DAILY MAX																							
						PERMIT LIMIT DAILY MIN																							
						PERMIT LIMIT MONTHLY WQ/LY/AVG																							
						"E. Coli geomean is shown in the Average row"																							

Notes: Ammonia MDL=0.06mg/L CBOD MDL = 2.0mg/L Settleable solids MDL=0.1ml/L E.coli MDL=1 TSS MDL = 0.6mg/L CHL

Signature: *[Handwritten Signature]*

Lewisburg STP Plant

Marshall County

Grade: 4  
Certification #: 2236

PERMIT NUMBER	PERMIT FEATURE TYPE DESCRIPTION	PERMIT FEATURE ID	YEAR	MONTH	DATE	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 (ml/L)	Less Than (<) Settleable Solids	Settleable Solids EFFLUENT (ml/L)	Less Than (<) E.coli	EFFLUENT E.COLI	Less Than (<) TRC	EFFLUENT TOTAL CHLORINE RESIDUAL (mg/L)	Total Nitrogen INFLUENT (mg/L)	Total Nitrogen INFLUENT (POUNDS)	Total Nitrogen EFFLUENT (mg/L)	Total Nitrogen EFFLUENT (POUNDS)	TN PERCENT REMOVAL	Total Phosphorus INFLUENT (mg/L)		
TN0022888	External Outfall	001	2022	June	1	2.3	21.1	98.9				7.3	7.7			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	2	2.0	25.9	96.9				6.2	7.5			< 0.1		<											
TN0022888	External Outfall	001	2022	June	3	3.7	111.4	98.9				6.7	7.2			< 0.1		<											
TN0022888	External Outfall	001	2022	June	4				2.7	52.8																			
TN0022888	External Outfall	001	2022	June	5																								
TN0022888	External Outfall	001	2022	June	6																								
TN0022888	External Outfall	001	2022	June	7																								
TN0022888	External Outfall	001	2022	June	8	3.3	62.5	98.7				7.0	7.4			< 0.1		<	1.0	203.7									
TN0022888	External Outfall	001	2022	June	9	2.0	59.9	99.2				8.8	7.3			< 0.1		<											
TN0022888	External Outfall	001	2022	June	10	0.7	11.5	98.8				7.9	7.6			< 0.1		<											
TN0022888	External Outfall	001	2022	June	11					44.6																			
TN0022888	External Outfall	001	2022	June	12																								
TN0022888	External Outfall	001	2022	June	13							9.5	7.8			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	14							6.3	7.8			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	15	0.7	6.4	99.7				6.4	7.8			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	16	1.7	15.2	99.3				7.6	7.6			< 0.1		<											
TN0022888	External Outfall	001	2022	June	17	4.0	36.7	98.4				7.9	7.6			< 0.1		<											
TN0022888	External Outfall	001	2022	June	18				2.1	19.4																			
TN0022888	External Outfall	001	2022	June	19																								
TN0022888	External Outfall	001	2022	June	20							7.9	7.5			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	21							7.6	7.4			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	22							7.3	7.5			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	23	1.3	10.5	99.5				7.1	7.3			< 0.1		<											
TN0022888	External Outfall	001	2022	June	24	1.7	15.2	99.0				7.1	7.3			< 0.1		<											
TN0022888	External Outfall	001	2022	June	25							7.5	7.7			< 0.1		<											
TN0022888	External Outfall	001	2022	June	26																								
TN0022888	External Outfall	001	2022	June	27							6.9	7.5			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	28							6.9	7.5			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	29	2.0	15.3	99.7				7.1	7.5			< 0.1		<	1.0										
TN0022888	External Outfall	001	2022	June	30	2.0	16.7	99.5				7.0	7.7			< 0.1		<											
TN0022888	External Outfall	001	2022	June																									
TOTAL						422.4																							
AVERAGE						2.1	30.2	99.2	2.1	32.5	#DIV/0!	7.4			#DIV/0!														
MAXIMUM						4.0	111.4	99.7	2.7	52.8	0.0	9.5	7.8		0.0	0.1	0.1	0.1	203.7										
MINIMUM						0.7	6.4	96.9	1.6	13.3	0.0	6.2	7.2		0.0	0.1	0.1	1.0	94.10										
PERMIT LIMIT DAILY MAX						45.0	9999.0	40.0		1009.0		5.0	9.0		0.0				126.0										
PERMIT LIMIT MONTHLY WKL.YAVG						30.0	757.0	85.0	40.0			0.0	6.0		0.0														

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

Chlorine detection limit = 0.05 mg/L Phosphorous MDL = 0.8mg/L Cyanide detection limit = 0.00200mg/L Total Nitrogen MDL=1.9

*Thomas W. Wallace*  
Signature

4

2026

Grade

Certification #

PERMIT NUMBER	PERMIT FEATURE TYPE DESCRIPTION	PERMIT FEATURE ID	YEAR	MONTH	DATE	Total Phosphorus INFLUENT (POUNDS)	Total Phosphorus EFFLUENT (mg/L)	Total Phosphorus EFFLUENT (POUNDS)	Total Phosphorus PERCENT REMOVAL
TN0022898	External Outfall	001	2022	June	1				
TN0022898	External Outfall	001	2022	June	2				
TN0022898	External Outfall	001	2022	June	3				
TN0022898	External Outfall	001	2022	June	4				
TN0022898	External Outfall	001	2022	June	5				
TN0022898	External Outfall	001	2022	June	6				
TN0022898	External Outfall	001	2022	June	7				
TN0022898	External Outfall	001	2022	June	8				
TN0022898	External Outfall	001	2022	June	9				
TN0022898	External Outfall	001	2022	June	10				
TN0022898	External Outfall	001	2022	June	11				
TN0022898	External Outfall	001	2022	June	12				
TN0022898	External Outfall	001	2022	June	13				
TN0022898	External Outfall	001	2022	June	14				
TN0022898	External Outfall	001	2022	June	15				
TN0022898	External Outfall	001	2022	June	16		1.3	11.3	
TN0022898	External Outfall	001	2022	June	17				
TN0022898	External Outfall	001	2022	June	18				
TN0022898	External Outfall	001	2022	June	19				
TN0022898	External Outfall	001	2022	June	20				
TN0022898	External Outfall	001	2022	June	21				
TN0022898	External Outfall	001	2022	June	22				
TN0022898	External Outfall	001	2022	June	23				
TN0022898	External Outfall	001	2022	June	24				
TN0022898	External Outfall	001	2022	June	25				
TN0022898	External Outfall	001	2022	June	26				
TN0022898	External Outfall	001	2022	June	27				
TN0022898	External Outfall	001	2022	June	28				
TN0022898	External Outfall	001	2022	June	29				
TN0022898	External Outfall	001	2022	June	30				
					TOTAL			11.3	
					AVERAGE		1.3	11.3	#DIV/0!
					MAXIMUM		1.3	11.3	0.0
					MINIMUM		1.3	11.3	0.0
					PERMIT LIMIT DAILY MAX		9999.0	9999.0	0.0
					PERMIT LIMIT DAILY MIN		9999.0	9999.0	0.0
					PERMIT LIMIT MONTHLY WKL:YAVG		9999.0	9999.0	0.0

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

*Thomas M. Walker*  
Signature

4  
Grade

2226  
Certification #