

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	BOD ₅ INFLUENT (mg/L)	BOD ₅ EFFLUENT (mg/L)	BOD ₅ EFFLUENT (POUNDS)	BOD ₅ PERCENT REMOVAL	BOD ₅ EFFLUENT WEEKLY AVERAGE (mg/L)	BOD ₅ EFFLUENT WEEKLY AVERAGE (POUNDS)	Ammonia N INFLUENT (mg/L)	Ammonia N EFFLUENT (mg/L)	Ammonia N EFFLUENT (mg/L)	Ammonia N EFFLUENT (POUNDS)	Ammonia N PERCENT REMOVAL	Ammonia N EFFLUENT WEEKLY AVERAGE (mg/L)	Ammonia N 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 INFLUENT (mg/L)	DO EFFLUENT (mg/L)		
TN0020982	External Outfall	001	2024	February	1		2,198	2,708		2,068	0.0	15.0	13.0	367.0	6.8	97.1	98.4										238.0	10.3	177.6	95.7			4.5	9.6		
TN0020982	External Outfall	001	2024	February	2		2,077	2,632		1,947	0.0	16.0	14.0																		0.2	6.6				
TN0020982	External Outfall	001	2024	February	3		2,168	3,219		2,028	0.0																									
TN0020982	External Outfall	001	2024	February	4	1.50	4,722	5,588		4,592	0.0																									
TN0020982	External Outfall	001	2024	February	5		2,958	3,642		2,828	0.0	14.0	14.0	205.0	6.9	139.9	97.1	5.6	71.2								209.0	12.7	299.5	93.9	13.2	264.2	6.4	9.2		
TN0020982	External Outfall	001	2024	February	6		2,816	3,737		2,686	0.0	15.0	14.0	192.0	3.1	98.8	98.4											196.0	14.0	313.6	92.9			2.5	8.8	
TN0020982	External Outfall	001	2024	February	7		2,475	3,084		2,345	0.0	18.0	14.0																				3.8	9.2		
TN0020982	External Outfall	001	2024	February	8		2,340	5,588		2,210	0.0	15.0	18.0	466.0	7.9	144.7	98.3											278.0	13.0	239.6	95.3			3.6	8.7	
TN0020982	External Outfall	001	2024	February	9	1.00	3,499	5,586		3,369	0.0	17.0	16.0																				4.0	8.6		
TN0020982	External Outfall	001	2024	February	10	0.50	4,656	5,573		4,526	0.0																									
TN0020982	External Outfall	001	2024	February	11		3,414	5,315		3,284	0.0																									
TN0020982	External Outfall	001	2024	February	12	1.10	4,416	5,588		4,286	0.0	15.0	14.0	282.0	7.2	258.1	97.4	7.9	261.0														6.6	9.3		
TN0020982	External Outfall	001	2024	February	13	0.40	4,587	5,588		4,437	0.0	12.0	13.0	277.0	8.4	310.6	97.0											502.0	19.7	729.0	96.1	19.1	555.5	5.5	9.8	
TN0020982	External Outfall	001	2024	February	14		3,243	3,843		3,113	0.0	15.0	13.0															397.0	25.3	656.8	93.8			5.6	8.7	
TN0020982	External Outfall	001	2024	February	15		2,865	3,225		2,735	0.0	18.0	15.0	420.0	8.1	184.5	98.1											284.0	12.3	280.6	95.7			4.8	9.0	
TN0020982	External Outfall	001	2024	February	16	0.50	2,955	3,850		2,825	0.0	16.0	16.0																				5.3	8.8		
TN0020982	External Outfall	001	2024	February	17		2,613	3,130		2,483	0.0																									
TN0020982	External Outfall	001	2024	February	18		2,474	2,973		2,344	0.0																									
TN0020982	External Outfall	001	2024	February	19		2,436	2,970		2,308	0.0		12.0	463.0	6.2	119.7	98.7	5.7	112.2									283.0	7.3	140.5	97.4	9.4	185.9		10.1	
TN0020982	External Outfall	001	2024	February	20		2,622	4,682		2,492	0.0	18.0	13.0	287.0	6.5	134.5	97.7											197.0	12.7	283.9	93.6			6.4	9.1	
TN0020982	External Outfall	001	2024	February	21		2,192	5,280		2,062	0.0	18.0	15.0																				4.3	9.1		
TN0020982	External Outfall	001	2024	February	22	0.20	2,346	3,171		2,218	0.0	17.0	18.0	377.0	4.5	82.3	96.8											265.0	8.3	163.5	97.1			4.9	8.9	
TN0020982	External Outfall	001	2024	February	23		2,242	2,583		2,112	0.0	17.0	17.0																					4.4	8.8	
TN0020982	External Outfall	001	2024	February	24		2,042	2,501		1,912	0.0																									
TN0020982	External Outfall	001	2024	February	25		2,046	2,508		1,916	0.0																									
TN0020982	External Outfall	001	2024	February	26		2,168	3,043		2,038	0.0	16.0	15.0	189.0	4.2	71.4	97.5	4.8	64.5									167.0	7.7	130.9	95.4	9.2	165.1	3.3	9.3	
TN0020982	External Outfall	001	2024	February	27		2,444	3,233		2,314	0.0	17.0	17.0	240.0	5.7	110.0	97.6				0.52	10.05						231.0	14.7	283.7	93.6			2.6	8.5	
TN0020982	External Outfall	001	2024	February	28		2,008	2,268		1,876	0.0	18.0	18.0																					3.8	8.6	
TN0020982	External Outfall	001	2024	February	29	0.20	1,961	2,378		1,831	0.0	18.0	15.0	289.0	4.5	69.0	98.3												213.0	5.3	80.9	97.5			4.8	8.7

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.

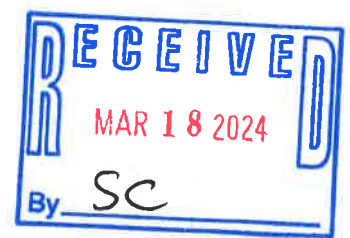
TOTAL	5.40	60,955			77,165	0.0				1790.4																									
AVERAGE		2,792			2,662		15.8	14.7	308.0	6.0	137.7	98.1	6.0	129.7	#DIV/0!	0.52	10.05	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!						267.7	12.6	286.5	95.3	12.7	297.7	4.4	9.0	
MAXIMUM	1.50	4,722	5,588		4,592	0.0	18.0	18.0	466.0	8.4	310.6	98.8	7.9	261.0	0.00	0.52	10.05	0.00	0.00	0.00	0.00					502.0	28.3	729.0	97.5	19.1	555.5	6.8	10.1		
MINIMUM		1,961		0.000	1,831		12.0	12.0	189.0	3.1	66.8	97.0	4.8	71.2	0.00	0.52	10.05	0.00	0.00	0.00						167.0	7.7	80.9	97.5	9.2	165.1	0.2	8.5		
PERMIT LIMIT DAILY MAX										999.0				45.0	9999.0												45.0	9999.0							
PERMIT LIMIT DAILY MIN																40.0																		1.0	
PERMIT LIMIT MONTHLY WKLY/AVG														30.0	908.0	85.0	40.0	1208.0	9999.00	9999.00	0.00	9999.00	9999.00			30.0	908.0	85.0	40.0	1208.0			0.0		

*E. Coli geometric is shown in the Average row


Signature
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Grade
3078
Certification #


Covington STP
Plant
Tipton
County

Monthlt Silver: 0.0001mg/L 02/27/2024



PERMIT NUMBER	PERMIT FEATURE TYPE DESCRIPTION	PERMIT FEATURE ID	YEAR	MONTH	DATE	pH INFLUENT (S. U.)	pH EFFLUENT (S. U.)	Settleable Solids INFLUENT (mg/L)	Less Than (<) Settleable Solids	Settleable Solids EFFLUENT (mg/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)	Total Phosphorus INFLUENT (POUNDS)	Total Phosphorus EFFLUENT (mg/L)	Total Phosphorus EFFLUENT (POUNDS)	Total Phosphorus PERCENT REMOVAL	
TN0020982	External Outfall	001	2024	February	1	6.3	6.8		<	0.5		6.0		0.07											
TN0020982	External Outfall	001	2024	February	2	6.5	6.9		<	0.6				0.02											
TN0020982	External Outfall	001	2024	February	3																				
TN0020982	External Outfall	001	2024	February	4																				
TN0020982	External Outfall	001	2024	February	5	6.8	6.4		<	0.5		20.0		0.04											
TN0020982	External Outfall	001	2024	February	6	6.1	6.3		<	0.5		10.0		0.04											
TN0020982	External Outfall	001	2024	February	7	6.2	6.2		<	0.5				0.02											
TN0020982	External Outfall	001	2024	February	8	5.9	6.8		<	0.5		14.0		0.03											
TN0020982	External Outfall	001	2024	February	9	6.3	6.9		<	0.6				0.01											
TN0020982	External Outfall	001	2024	February	10																				
TN0020982	External Outfall	001	2024	February	11																				
TN0020982	External Outfall	001	2024	February	12	7.0	6.7		<	0.5		2.0		0.03											
TN0020982	External Outfall	001	2024	February	13	6.6	6.9		<	0.5		2.0		0.05											
TN0020982	External Outfall	001	2024	February	14	6.6	6.7		<	0.5				0.03											
TN0020982	External Outfall	001	2024	February	15	6.6	6.9		<	0.5	<	2.0		0.03											
TN0020982	External Outfall	001	2024	February	16	6.4	6.9		<	0.5				0.02											
TN0020982	External Outfall	001	2024	February	17																				
TN0020982	External Outfall	001	2024	February	18																				
TN0020982	External Outfall	001	2024	February	19		6.9		<	0.5				0.01											
TN0020982	External Outfall	001	2024	February	20	6.4	6.9		<	0.5	<	2.0		0.02											
TN0020982	External Outfall	001	2024	February	21	6.2	7.0		<	0.5	<	2.0		0.05											
TN0020982	External Outfall	001	2024	February	22	6.3	7.0		<	0.5	<	2.0		0.50											
TN0020982	External Outfall	001	2024	February	23	6.3	7.3		<	0.5				0.05											
TN0020982	External Outfall	001	2024	February	24																				
TN0020982	External Outfall	001	2024	February	25																				
TN0020982	External Outfall	001	2024	February	26	7.0	6.8		<	0.5	<	2.0		0.03											
TN0020982	External Outfall	001	2024	February	27	6.7	6.9		<	0.5	<	2.0		0.02	19.0	387.3	13.5	260.5	28.9	3.4	68.7	0.7	13.5	79.3	
TN0020982	External Outfall	001	2024	February	28	6.8	7.2		<	0.5				0.06											
TN0020982	External Outfall	001	2024	February	29	6.3	6.7		<	0.5	<	2.0		0.02											
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												260.5					13.5		
						AVERAGE		#DIV/0!	0.5	3.4	0.05	19.0	387.3	13.5	260.5	28.9	3.4	68.7	0.7	13.5	79.3				
						MAXIMUM	7.0	7.3	0.0	0.8	20.0	0.50	19.0	387.3	13.5	260.5	28.9	3.4	68.7	0.7	13.5	79.3			
						MINIMUM	5.9	6.2	0.0	0.5	2.0	0.01	19.0	387.3	13.5	260.5	28.9	3.4	68.7	0.7	13.5	79.3			
PERMIT LIMIT DAILY MAX						0.0	9.0		1.0	497.0	0.97			9999.0	9999.0				9999.0	9999.0					
PERMIT LIMIT DAILY MIN						0.0	6.0																		0.0
PERMIT LIMIT MONTHLY WCLY/AVG											126.0				9999.0	9999.0	0.0			9999.0	9999.0	0.0			

*E. Coli geometric is shown in the Average row

3078

 Signature
 3
 Grade
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