

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 (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	January	1		0.987	1.344		0.917	0.0		14.0	241.0	3.5	28.4	98.8	4.7	45.2							170.0	8.3	83.8	95.1	8.5	81.90		10.3			
TN0020982	External Outfall	001	2024	January	2		1.448	2.320		1.376	0.0	14.0	11.0	180.0	4.9	58.0	97.3									148.0	9.0	103.3	93.9			5.3	10.3			
TN0020982	External Outfall	001	2024	January	3		1.282	1.842		1.192	0.0	15.0	13.0																		2.6	10.2				
TN0020982	External Outfall	001	2024	January	4		1.212	1.510		1.142	0.0	15.0	12.0	809.0	5.6	53.1	99.1									402.0	8.3	79.1	97.9			3.4	10.0			
TN0020982	External Outfall	001	2024	January	5	0.50	1.485	2.393		1.415	0.0	15.0	10.0																		6.1	10.4				
TN0020982	External Outfall	001	2024	January	6		1.485	1.948		1.418	0.0																									
TN0020982	External Outfall	001	2024	January	7		1.282	1.598		1.212	0.0																									
TN0020982	External Outfall	001	2024	January	8	2.00	3.078	5.590		3.006	0.0	14.0	12.0	800.0	7.9	198.1	98.7	10.7	280.3							399.0	18.0	401.1	96.0	20.8	528.3	0.3	8.8			
TN0020982	External Outfall	001	2024	January	9		3.810	5.590		3.740	0.0	14.0	12.0	458.0	13.9	433.8	97.0									574.0	30.8	984.5	94.7			4.4	8.9			
TN0020982	External Outfall	001	2024	January	10		1.987	2.504		1.887	0.0	14.0	12.0																			8.3	9.0			
TN0020982	External Outfall	001	2024	January	11		1.825	5.593		1.755	0.0	15.0	12.0	808.0	10.2	149.3	98.7									730.0	15.7	229.4	97.9			4.7	8.8			
TN0020982	External Outfall	001	2024	January	12	1.00	2.757	5.050		2.627	0.0	17.0	14.0																		0.5	9.0				
TN0020982	External Outfall	001	2024	January	13		2.095	2.444		1.985	0.0																									
TN0020982	External Outfall	001	2024	January	14	2.00	2.082	2.340		1.862	0.0																									
TN0020982	External Outfall	001	2024	January	15		2.090	2.328		1.980	0.0	7.0	123.0	9.1	148.8	92.8	8.0	128.3								131.0	18.7	305.7	85.7	15.2	243.9		10.7			
TN0020982	External Outfall	001	2024	January	16		2.051	3.009		1.921	0.0	11.0	7.0	254.0	7.8	121.8	97.0									193.0	15.3	245.1	92.1			5.9	10.9			
TN0020982	External Outfall	001	2024	January	17		2.026	2.489		1.898	0.0	13.0	7.0																		5.1	10.8				
TN0020982	External Outfall	001	2024	January	18		1.884	2.593		1.854	0.0	12.0	9.0	493.0	7.4	114.4	98.5									178.0	11.7	180.9	83.4			5.6	9.8			
TN0020982	External Outfall	001	2024	January	19		1.928	2.588		1.798	0.0	13.0	10.0																		4.6	10.1				
TN0020982	External Outfall	001	2024	January	20		1.754	2.147		1.624	0.0																									
TN0020982	External Outfall	001	2024	January	21		1.859	2.343		1.729	0.0																									
TN0020982	External Outfall	001	2024	January	22		1.883	2.343		1.783	0.0	13.0	9.0	294.0	6.6	96.5	97.8	14.2	388.7							252.0	13.7	200.3	94.8	16.3	418.1	5.0	10.3			
TN0020982	External Outfall	001	2024	January	23	1.40	3.548	5.588		3.418	0.0	15.0	12.0	308.0	2.9	81.8	99.1									363.0	2.0	57.0	99.4			2.8	9.8			
TN0020982	External Outfall	001	2024	January	24	0.10	3.673	6.590		3.543	0.0	15.0	15.0																		4.3	8.8				
TN0020982	External Outfall	001	2024	January	25	0.40	3.720	5.588		3.590	0.0	18.0	15.0	285.0	33.0	988.0	88.4									155.0	33.3	997.0	78.5			3.7	8.7			
TN0020982	External Outfall	001	2024	January	26	0.80	2.792	4.249		2.662	0.0	18.0	16.0																		4.0	8.9				
TN0020982	External Outfall	001	2024	January	27	1.10	5.041	5.588		4.911	0.0																									
TN0020982	External Outfall	001	2024	January	28		3.004	3.810		2.874	0.0																									
TN0020982	External Outfall	001	2024	January	29		2.613	3.238		2.483	0.0	14.0	12.0	286.0	5.4	110.8	98.1	5.6	118.8							140.0	18.0	331.3	88.8	10.2	328.4	5.7	10.0			
TN0020982	External Outfall	001	2024	January	30		2.752	5.584		2.622	0.0	16.0	13.0	301.0	5.8	126.8	98.1									147.0	14.7	321.5	90.0			4.800	9.8			
TN0020982	External Outfall	001	2024	January	31		2.224	3.189		2.094	0.0	18.0	14.0																		3.600	9.6				
TOTAL						9.10	71.812			68.342	0.0					2704.9							0.00								4489.8					
AVERAGE							2.310			2.205		14.4	11.7	373.9	8.8	183.2	97.8	8.6	188.3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	284.3	15.2	319.3	94.8	14.2	319.7	4.2	9.8		
MAXIMUM						2.00	8.041	6.590		4.911	0.0	17.0	16.0	806.0	33.0	988.0	99.1	14.2	388.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	730.0	33.3	997.0	99.4	20.8	528.3	6.1	10.9		
MINIMUM							0.987		0.000	0.917		11.0	7.0	123.0	2.9	25.4	88.4	4.7	45.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.0	2.0	57.0	78.5	8.5	81.9	0.3	8.7		
PERMIT LIMIT DAILY MAX													999.0		48.0	999.0						9999.00	9999.00					45.0	9999.0							
PERMIT LIMIT DAILY MIN															40.0																					1.0
PERMIT LIMIT MONTHLY WKLY/AVG															30.0	808.0	88.0	40.0	1208.0			9999.00	9999.00					30.0	908.0	88.0	40.0	1208.0				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.


Signature

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Grade

3078
Certification #

Covington STP
Plant

Tipton
County

Monthly: Silver <0.0001 Jan. 26 2024

