REPORT OF MONTHLY OPERATION OF WASTEWATER TREATMENT

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

Rev: 14 Apr 19

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 EFFLUENT WEEKLY AVERAGE (mg/L)	Ammonia 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)	pH INFLUENT (S. U.)
TN0020982	External Outfall	001	2024	March	1		1.962	2.490		1.832	0.0	16.0	15.0																				2.6	9.2	6.7
TN0020982	External Outfall	001	2024	March	2		1.955	2.523		1.825	0.0																								
TN0020982	External Outfall	001	2024	March	3		1.969	2.469		1.839	0.0																								
TN0020982	External Outfall	001	2024	March	4		1.954	2.517		1.824	0.0	18.0	18.0																				0.2	8.4	6.9
TN0020982	External Outfall	001	2024	March	5		1.375	3.300		1.245	0.0	19.0	18.0	280.0	4.9	50.9	98.3	3.7	49.0							243.0	9.3	96.6	96.2	6.7	88.5	2.8	8.4	6.6
TN0020982	External Outfall	001	2024	March	6	0.30	1.932	2.389		1.802	0.0	17.0	18.0	298.0	3.3	49.6	98.9									256.0	4.7	70.6	98.2			3.8	8.4	6.5
TN0020982	External Outfall	001	2024	March	7	0.20	2.087	5.169		1.957	0.0	17.0	18.0	398.0	2.9	46.7	99.3									259.0	6.0	97.9	97.7			3.5	8.6	6.5
TN0020982	External Outfall	001	2024	March	8		2.174	2.831		2.044	0.0	18.0	18.0																			4.2	8.8	6.4
TN0020982	External Outfall	001	2024	March	9		1.879	2.334		1.749	0.0																								
TN0020982	External Outfall	001	2024	March	10		1.811	2.342		1.749	0.0																								
TN0020982	External Outfall	001	2024	March	11		1.874	2.342		1.661	0.0	16.0	14.0	246.0	3.6	50.5	98.5	3.7	57.7							274.0	8.3	116.4	97.0	8.1	126.0	4.5	9.2	7.2
TN0020982	External Outfall	001	2024	March	12		2.145	2.376		1.744	0.0	16.0	15.0	193.0	3.9	56.7	98.0									199.0	8.3	120.7	95.8			4.8	8.9	6.2
TN0020982	External Outfall	001	2024	March	13		1.829	2.411		1.699	0.0	16.0	16.0																			2.9	9.0	6.5
TN0020982	External Outfall	001	2024	March	14		2.326	5.310		2.196	0.0	18.0	18.0	448.0	3.6	65.9	99.2									557.0	7.7	141.0	98.6			3.8	8.5	6.0
TN0020982	External Outfall	001	2024	March	15	1.00	3.594	5.596		3.564	0.0	18.0	19.0																			4.2	7.9	6.4
TN0020982	External Outfall	001	2024	March	16		2.570	2.891		2.440	0.0																								
TN0020982	External Outfall	001	2024	March	17		2.246	2.484		2.116	0.0																								
TN0020982	External Outfall	001	2024	March	18		2.108	2.550		1.978	0.0	16.0	15.0	304.0	3.7	61.0	98.8	4.9	83.8							166.0	7.7	126.5	95.4	9.4	161.0	5.7	8.6	7.0
TN0020982	External Outfall	001	2024	March	19		2.359	3.290		2.229	0.0	16.0	14.0	187.0	5.1	94.4	97.3									161.0	10.3	191.5	93.6			3.9	9.3	6.2
TN0020982	External Outfall	001	2024	March	20		2.043	2.447		1.913	0.0	16.0	15.0																			4.5	8.8	6.5
TN0020982	External Outfall	001	2024	March	21		2.052	5.520		1.922	0.0	16.0	17.0	344.0	6.0	95.9	98.3									225.0	10.3	165.1	95.4			3.7	8.4	6.7
TN0020982	External Outfall	001	2024	March	22	0.50	1.979	2.292		1.849	0.0	17.0	17.0																			3.6	8.6	5.9
TN0020982	External Outfall	001	2024	March	23		1.759	2.227		1.629	0.0																								
TN0020982	External Outfall	001	2024	March	24		1.832	2.191		1.702	0.0																								
TN0020982	External Outfall	001	2024	March	25	1.10	3.327	5.596		3.197	0.0	16.0	16.0	167.0	6.2	165.3	96.3	5.2	141.9							280.0	17.0	453.3	93.9	15.5	415.3	4.5	8.6	7.0
TN0020982	External Outfall	001	2024	March	26		4.263	5.596		4.133	0.0	15.0	16.0	114.0	4.7	162.0	95.9									117.0	13.3	458.4	88.6			6.6	8.5	6.3
TN0020982	External Outfall	001	2024	March	27		2.589	2.973		2.459	0.0	16.0	15.0	168.0	4.8	98.4	97.4									107.0	16.3	334.3	84.8			5.3	9.2	6.4
TN0020982	External Outfall	001	2024	March	28		2.266	2.870		2.188	0.0	17.0	15.0																			5.1	9.3	6.1
TN0020982	External Outfall	001	2024	March	29		2.135	2.579		2.055	0.0		15.0																				9.1	
TN0020982	External Outfall	001	2024	March	30		1.987	2.381		1.907	0.0																								
TN0020982	External Outfall	001	2024	March	31		1.988	2.088		1.888	0.0																								
					TOTAL	3.10	68.451			64.355	0.0					997.4						0.00						2372.3						
					AVERAGE		2.208			2.076		16.9	16.3	264.1	4.4	63.1	98.3	4.4	83.1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	236.7	9.9	197.7	95.8	9.9	197.7	4.0	8.8	
					MAXIMUM	1.10	4.263	5.596		4.133	0.0	19.0	19.0	448.0	6.2	165.3	99.3	5.2	141.9	0.00	0.00	0.00	0.00	0.00	0.00	557.0	17.0	458.4	98.6	15.5	415.3	6.6	9.3	7.2
					MINIMUM		1.375		0.000	1.245		16.0	14.0	114.0	2.9	46.7	95.9	3.7	49.0	0.00	0.00	0.00	0.00	0.00	0.00	107.0	4.7	70.6	84.8	6.7	88.5	0.2	7.9	5.9
					PERMIT LIMIT DAILY MAX								999.0		45.0	9999.0					9999.00	9999.00					45.0	9999.0						0.0
					PERMIT LIMIT DAILY MIN												40.0						0.00						40.0				1.0	0.0
					PERMIT LIMIT MONTHLY WKLY/AVG										30.0	906.0	85.0	40.0	1208.0		9999.00	9999.00	0.00	9999.00	9999.00		30.0	906.0	85.0	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.

*E. Coli geomean is shown in the Average row

Signature

3
Grade

3078
Certification #

Covington STP
Plant

Tipton
County

Monthly Silver: 0.0001 mg/L 3/27/2024

RECEIVED
APR 15 2024
By SC

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