

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
 DIVISION OF WATER POLLUTION CONTROL

**REPORT OF OPERATION ON WASTEWATER TREATMENT**  
 PLANT Sneedville  
 COUNTY Hancock  
 MONTH OF March YEAR 2024

DATE	RAINFALL (0.1")	INFLUENT FLOW (MGD)	INFLUENT MAX FLOW (MGD)	EFFLUENT FLOW (MGD)	HOURS BYPASSED	TEMPERATURE INFLUENT (C)	TEMPERATURE EFFLUENT (C)	5 DAY CBOD / BOD				AMMONIA NITROGEN				SUSPENDED SOLIDS				SETTLABLE SOLIDS		DISSOLVED OXYGEN		pH		FINAL EFFLUENT										
								INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	EFFLUENT (POUNDS)	PERCENT REMOVAL	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (mg/L)	EFFLUENT (mg/L)	INFLUENT (STANDARD UNITS)	EFFLUENT (STANDARD UNITS)	E. coli	FECAL COLIFORM	TOTAL CHLORINE RESIDUAL (mg/L)	POUNDS OF CHLORINE	POUNDS OF SULFUR DIOXIDE	TOTAL NITROGEN (mg/L)	TOTAL PHOSPHORUS (mg/L)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33				
1	0.42	0.565		0.566				59.00	2.72	12.84	95.4%											2.94		7.71			0.27	4								
2		0.400		0.402																									4							
3		0.336		0.338																										6						
4		0.307		0.298																	0.10		4.66		7.44			0.45	6							
5	0.46	0.343		0.318												80.00	5.00	13.26	93.8%				3.42		7.45	5		0.42	5							
6	0.19	0.528		0.525				96.00	2.76	12.08	97.1%					112.00	9.00	39.41	92.0%				3.92		7.40	15		0.49	4							
7		0.435		0.426												100.00	6.00	21.32	94.0%				3.90		7.40	73		0.21	5							
8	0.35	0.410		0.397				40.00	1.81	5.99	95.5%												5.50		7.41			0.47	3		5.42	0.46				
9		0.363		0.344				116.00	1.54	4.42	98.7%																		3							
10		0.333		0.321																										2						
11		0.310		0.294																		0.10		5.15		7.43			0.49	3						
12		0.268		0.253												168.00	6.00	12.66	96.4%				4.91		7.51	1		0.46	2							
13		0.239		0.222				102.00	2.69	4.98	97.4%					124.00	6.00	11.11	95.2%				5.49		7.45	14		0.43	3							
14		0.247		0.228				109.00	2.81	5.34	97.4%					164.00	3.00	5.70	98.2%				3.75		7.53	3		0.37	2							
15	0.35	0.290		0.272				86.00	1.14	2.59	98.7%												4.18		7.49			0.48	4							
16		0.249		0.233																									3							
17		0.223		0.216																									3							
18		0.196		0.179																		0.10		5.70		7.55			0.49	2						
19		0.209		0.191												144.00	2.00	3.19	98.6%				4.87		7.50	50		0.48	2							
20		0.169		0.151				128.00	2.69	3.39	97.9%					160.00	2.00	2.52	98.8%				6.26		7.47	3		0.44	2							
21		0.171		0.155				156.00	2.92	3.77	98.1%					124.00	3.00	3.88	97.6%				6.53		7.55	10		0.47	1							
22		0.160		0.143				120.00	2.65	3.16	97.8%												6.10		7.48			0.48	1							
23	0.64	0.322		0.302																										2						
24		0.285		0.260																										2						
25		0.196		0.178																			0.10		3.31		7.50			0.36	2					
26	0.31	0.293		0.268												244.00	5.00	11.18	98.0%				3.70		7.43	5		0.47	3							
27		0.192		0.171				101.00	1.17	1.67	98.8%					112.00	4.00	5.70	96.4%				4.77		7.48	5		0.49	1							
28		0.186		0.168				199.00	3.48	4.88	98.3%					120.00	3.00	4.20	97.5%				4.78		7.44	20		0.46	2							
29		0.175		0.163				115.00	3.08	4.19	97.3%												5.61		7.49			0.22	3							
30		0.166		0.144																										2						
31		0.154		0.137																										2						
TOTAL		8.720		8.263	0.000	0	0	1427.0	31.46	69.30		0.0	0.0	0		1652.0	54.00	134.12		0.0	0.40	0.00	99.45	0.00	157.11	204	0	8.90	89	0	5.42	0.46				
AVERAGE		0.281		0.267	0.000	0	0	109.77	2.42	5.33	97.8%	0.0	0.0	0.0	0%	137.67	4.50	11.18	96.7%	0.0	0.10	0.00	4.74	0.00	7.48	9	0	0.42	3	0	5.42	0.46				
MAXIMUM		0.565	0.000	0.566	0.000	0	0	199.00	3.48	12.84	98.8%	0.0	0.0	0.0	0%	244.00	9.00	39.41	98.8%	0.0	0.10	0.00	6.53	0.00	7.71	73	0	0.49	6	0	5.42	0.46				
MINIMUM		0.154		0.137	0.000	0	0	40.00	1.14	1.67	95.4%	0.0	0.0	0.0	0%	80.00	2.00	2.52	92.0%	0.0	0.10	0.00	2.94	0.00	7.40	1.00	0	0.21	1	0	5.42	0.46				

REMARKS RAIN TOTAL= 2.72 "

CERTIFIED OPERATOR SIGNATURE

*Jesse Thompson*

CERTIFICATION NO.

1184 GRADE 3

RECEIVED  
 APR 17 2024  
 JOHNSON CITY  
 ENV. FIELD OFFICE