

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF WATER POLLUTION CONTROL

REPORT OF OPERATION ON WASTEWATER TREATMENT  
PLANT Sneedville  
COUNTY Hancock  
MONTH OF May 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		0.137		0.130				155.00	3.73	4.04	97.6%					260.00	1.00	1.08	99.6%				3.32	7.50	23.00		0.36	2				
2		0.134		0.125				160.00	4.12	4.30	97.4%					180.00	1.00	1.04	99.4%				3.36	7.50	29.00		0.35	2				
3	0.19	0.163		0.150				200.00	4.72	5.90	97.6%												2.62	7.54			0.43	3				
4		0.154		0.140																								3				
5	0.03	0.104		0.098																								2				
6	0.91	0.289		0.281																	0.10		3.52	7.51			0.45	2				
7	0.46	0.180		0.169												368.00	3.00	4.23	99.2%				3.25	7.47	44		0.27	3				
8	1.08	0.624		0.584				175.00	3.77	18.36	97.8%					132.00	3.00	14.61	97.7%				2.27	7.48			0.11	7				
9		0.629		0.738				110.00	2.77	17.05	97.5%					28.00	3.00	18.46	89.3%				3.10	7.38	45		0.31	16				
10		0.260		0.245				29.00	4.32	8.83	85.1%												2.90	7.40	30		0.46	5				
11		0.233		0.227																								5				
12		0.210		0.207																								3				
13		0.175		0.161																	0.10		3.51	7.40			0.46	2				
14	0.26	0.204		0.189												172.00	4.00	6.31	97.7%				3.18	7.53	28		0.48	2				
15	0.04	0.210		0.189				194.00	1.45	2.29	99.3%					196.00	1.00	1.58	99.5%				2.80	7.49	108		0.15	2				
16	0.08	0.178		0.163				148.00	4.41	6.00	97.0%					168.00	1.00	1.36	99.4%				2.67	7.49	38		0.47	3				
17	1.60	0.615		0.621				86.00	5.63	29.16	93.5%												2.87	7.49			0.45	3				
18	0.17	0.402		0.412																								2				
19		0.373		0.392																								3				
20		0.297		0.287																		0.20		2.74	7.42			4				
21		0.235		0.217												52.00	2.00	3.62	96.2%				2.72	7.52	40		0.48	2				
22		0.203		0.189				124.00	5.36	8.45	95.7%					92.00	1.00	1.58	98.9%				2.83	7.51	29		0.44	3				
23	0.75	0.443		0.380				161.00	13.52	42.85	91.6%					176.00	3.00	9.51	98.3%				2.55	7.52	2		0.37	3				
24		0.360		0.351				109.00	1.31	3.83	98.8%												3.08	7.42			0.48	3				
25		0.299		0.286																								2				
26	1.56	0.692		0.423																								3				
27		0.588		0.075																		0.20		2.30	7.27			5				
28		0.414		0.246												72.00	5.00	10.26	93.1%				2.41	7.30	29		0.46	5				
29		0.284		0.282				45.00	3.20	7.53	92.9%					28.00	1.00	2.35	96.4%				2.95	7.42	78		0.39	4				
30		0.243		0.210				86.00	4.21	7.37	95.1%					92.00	2.00	3.50	97.8%				3.22	7.46	7		0.36	4				
31		0.220		0.203				75.00	3.24	5.49	95.7%												3.45	7.44			0.34	4				
TOTAL		9.552		8.370	0.000	0	0	1857.0	65.76	171.44		0.0	0.0	0		2016.0	31.00	79.49		0.0	0.60	0.00	67.62	0.00	171.46	530	0	8.21	112	0	0.00	0.00
AVERAGE		0.308		0.270	0.000	0	0	123.80	4.38	11.43	96.5%	0.0	0.0	0.0	0%	144.00	2.21	5.68	98.5%	0.0	0.15	0.00	2.94	0.00	7.45	28	0	0.37	4	0	0.00	0.00
MAXIMUM		0.692	0.000	0.738	0.000	0	0	200.00	13.52	42.85	99.3%	0.0	0.0	0.0	0%	368.00	5.00	18.46	99.6%	0.0	0.20	0.00	3.52	0.00	7.54	108	0	0.48	16	0	0.00	0.00
MINIMUM		0.104		0.075	0.000	0	0	29.00	1.31	2.29	85.1%	0.0	0.0	0.0	0%	28.00	1.00	1.04	89.3%	0.0	0.10	0.00	2.27	0.00	7.27	2.00	0	0.11	2	0	0.00	0.00

REMARKS RAIN TOTAL= 7.13 " error on eff flow meter on 5-27-24 Bypass on 5-8-24 report sent in. Bypass was on the 9th day  
CERTIFIED OPERATOR SIGNATURE *Jesse Thym* CERTIFICATION NO. 1184 GRADE 3

RECEIVED  
 JUN 17 2024  
 JOHNSON CITY  
 ENV. FIELD OFFICE