



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

FACILITY ACWA AIRBASE STP NPDES PERMIT NO. TN 0074071
PERMITTEE Anderson County Water Authority MONTH MARCH 2022
CITY Daytonville COUNTY Anderson

MONTHLY OPERATION REPORT FOR PACKAGE TREATMENT PLANTS

OR/DMR

DATE	TIME OF SAMPLING	WASTEWATER FLOW (gpd)	INFLUENT		OPERATION TESTS				EFFLUENT							SLUDGE DISPOSAL		COMMENTS ABOUT OPERATION AND COMPLIANCE	
			BOD ₅ (mg/l)	SUSPENDED SOLIDS (mg/l)	MIXED LIQUOR SUSPENDED SOLIDS (mg/l)	MIXED LIQUOR SETTLEABLE SOLIDS CYLINDER (ml/l)	AERATION TANK DISSOLVED OXYGEN (mg/l)	CLARIFIER SLUDGE DEPTH OF BED (thickness in ft)	BOD ₅ (mg/l)	SUSPENDED SOLIDS (mg/l)	SETTLEABLE SOLIDS (IMHOFF CONE) (ml/l)	DISSOLVED OXYGEN (mg/l)	CHLORINE RESIDUAL (mg/l)	FECAL COLIFORM (organisms/100 ml)	AMMONIA NITROGEN (mg/l)	pH (standard units)	VOLUME FROM CLARIFIER TO HOLDING TANK (gal)		VOLUME FROM HOLDING TANK TO FINAL DISPOSAL (gal)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	1100	900										7.67							
2	0930	1000										7.48							
3	1030	900									TR	7.07				6.76			
4	1100	600										7.18							
5	-	333										-							
6	-	333										-							
7	1045	333									TR	7.49				7.14		15.9	
8	1330	1000										7.13							
9	0930	1600										7.22							
10	1030	81,000									TR	6.72				7.43			
11	0900	900										7.03							
12	-	19,000										-							
13	-	19,000										-							
14	0830	10,000							4.10	45.0	TR	6.98	3.09	3.54	5.24	7.66		13.3	E.coli NEG
15	1300	800										6.14							
16	1030	400										6.72							
17	1115	700									TR	6.79				7.13			
18	1400	700										7.36							
19	-	4,660										-							
20	-	4,660										-							
21	0915	4,660										7.91							
22	1500	700									TR	7.94				7.33		17.3	
23	1000	300									TR	6.07				7.15		13.3	
24	1200	11,000										6.48							
25	1530	900										6.33							
26	-	5,660										-							
27	-	5,660										-							
28	1300	5,660									TR	7.54				7.57		14.2	
29	1100	400										6.85							
30	1130	500										7.50							
31	0900	400										6.63				7.35			
TOTAL		22,000							4.10	45.0				359	5.24				
PERMIT AVG LIMIT									20	30		5.0 MIN		200	2.1	8.0 MIN			
ACTUAL AVG VALUE		710							4.10	45		6.0 MIN		359	5.24	6.7 MIN			
PERMIT MAX LIMIT									25	45	1			1000	3.0	9.0			
ACTUAL MAX VALUE		1,600							4.10	45	0			359	5.24	7.6			
PERMIT FREQUENCY OF ANALYSIS		5/7							1/30	1/30	2/7	5/7	N/A	0	1/30	2/7			
ACTUAL FREQUENCY OF ANALYSIS		31							1	1	8	23	0	1	1	9			
PERMIT SAMPLE TYPE		Residual	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB			
ACTUAL SAMPLE TYPE		Residual							GRAB	11	11	11	N/A	GRAB	11	11			
NO OF VIOLATIONS									0	0	0	0	0	0	1	0			

Please document important events such as discharges of untreated waste water, down equipment or plant upsets which may impact effluent quality. Also state method of sludge disposal. **APR 20 2022**

I certify that the submitted information is accurate and complete. I further certify that all sampling was performed in accordance with approved procedures and all analyses were performed in accordance with 40 CFR Part 136. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OPERATOR [Signature] DATE 4/14/22
 LICENSE NO. 2016 PHONE NO. 865-803-1742
 ANALYSES PERFORMED BY OUTSIDE LABORATORY BOD₅ + TSS + Ammonia
 LABORATORY USED Microbial of Knoxville
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER [Signature] DATE 4/14/22

