



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

FACILITY ACWA AIRCRAFT STP NPDES PERMIT NO. TN0024071
PERMITTEE Anderson County Water Authority MONTH April 2022
CITY Beiseville 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	700										7.67							
2	7	833										-							
3	-	833										-							
4	1030	833							2.50	45	TR	7.14			.627	7.46			19.2 E. Coli NEG
5	1330	100										7.29							
6	1000	200										8.13							
7	1000	300									TR	5.89				7.39			
8	1100	1000										6.65							
9	-	567										-							
10	-	567										-							
11	0900	567									TR	6.49				7.11			
12	0830	600										6.71							
13	1300	1100										6.54							
14	1030	1400									TR	6.37				7.01			
15	1500	1200										6.08							
16	-	1200										-							
17	-	1200										-							
18	1000	1200									TR	5.83				7.07			16.7
19	0930	1200										6.13							
20	1200	1000										6.17							
21	1400	1400									TR	6.21				7.18			
22	1130	200										5.97							
23	-	500										-							
24	-	500										-							
25	1300	500									TR	5.80				7.34			19.6
26	1200	500										6.71							
27	1230	800										7.11							
28	1130	500									TR	6.40				6.66			
29	1200	500										6.71							
30	-																		
31	X																		
TOTAL		19,900							2.50	45					.627				
PERMIT AVG LIMIT									20	30		5.0 MIN		200	1.5	8.0 MIN			
ACTUAL AVG VALUE		663							2.50	45		5.8 MIN			.627	6.6 MIN			
PERMIT MAX LIMIT									25	45	1			1000	2.0	9.0			
ACTUAL MAX VALUE		1400							2.50	45	0				.627	7.46			
PERMIT FREQUENCY OF ANALYSIS		5/7							1/30	1/30	2/7	5/7			1/30	2/7			
ACTUAL FREQUENCY OF ANALYSIS		30							1	1	8	21			1	8			
PERMIT SAMPLE TYPE		Random	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB			
ACTUAL SAMPLE TYPE		Random							GRAB	11	11	11	N/A		GRAB	GRAB			
NO OF VIOLATIONS									0	0	0	0	0	0	0	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.

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 5/13/22

LICENSE NO. _____ PHONE NO. 865-457-3033

ANALYSES PERFORMED BY OUTSIDE LABORATORY BOD₅, TSS, + Ammonia

LABORATORY USED Micro Bac of Knoxville

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER [Signature] DATE 5/13/22