



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

APR 10 2023

FACILITY Sanitary Drip Irrigation NPDES PERMIT NO. SP-14018
PERMITTEE Bush Brothers & Company MONTH February 2023
CITY Dandridge COUNTY Jefferson

MOR/DMR

MONTHLY OPERATION REPORT FOR PACKAGE TREATMENT PLANTS

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)	SETTLABLE 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		6972																	
2		8840																	
3		11074																	
4		8002																	
5		6346																	
6		4653																	
7		7085																	
8		7276																	
9		6313													0.993				
10		7141																	
11		12164																	
12		4653																	
13		7085																	
14		7683																	
15		7574																	
16		7863																	
17		6403																	
18		12939																	
19		7414																	
20		6257																	
21		7345																	
22		8810																	
23		6431																	
24		6278																	
25		6997																	
26		5614																	
27		5387																	
28		6247																	
29		-																	
30		-																	
31		-																	
TOTAL		700120													0.993				
PERMIT AVG LIMIT															MIN	200			6.0 MIN
ACTUAL AVG VALUE		7147													MIN	0.993			MIN
PERMIT MAX LIMIT																1000			9.0
ACTUAL MAX VALUE		12939														0.993			
PERMIT FREQUENCY OF ANALYSIS		cont														QRT			
ACTUAL FREQUENCY OF ANALYSIS		cont														QRT			
PERMIT SAMPLE TYPE		cont	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB		
ACTUAL SAMPLE TYPE		cont														GRAB			
NO OF VIOLATIONS																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 4-3-23
 LICENSE NO. 3039 PHONE NO. 865-509-0217
 ANALYSES PERFORMED BY OUTSIDE LABORATORY. Ammonia as N
 LABORATORY USED Microbac Laboratories of Maryville
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER Tom Dorch DATE 4/5/23