



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 January 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 <sub>5</sub> (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 <sub>5</sub> (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		216980																	
2		20967																	Installed new system (PLC) Flows were recording inaccurate also found leak in line due to cold temps
3		13988																	
4		40545																	
5		5099																	
6		50575																	
7		44221																	
8		27453																	
9		31449																	
10		40552																	
11		44765																	
12		38920																	
13		51501																	
14		63637																	
15		36782																	
16		30897																	
17		30855																	
18		49772																	
19		43377																	
20		41245																	
21		45614																	
22		30142																	
23		27052																	
24		41973																	
25		41734																	
26		41324																	Adjusted program + fixed leak
27		5160																	
28		598.3																	
29		5577																	
30		4265																	
31		7410																	
TOTAL		1047754																	
PERMIT AVG. LIMIT												MIN		200				6.0 MIN	
ACTUAL AVG. VALUE		33799										MIN						MIN	
PERMIT MAX. LIMIT														1000				9.0	
ACTUAL MAX. VALUE		63637																	
PERMIT FREQUENCY OF ANALYSIS		cont																	
ACTUAL FREQUENCY OF ANALYSIS		cont																	
PERMIT SAMPLE TYPE		grab	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	
ACTUAL SAMPLE TYPE		cont																	
NO. OF VIOLATIONS																			

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. 805-509-0217  
 ANALYSES PERFORMED BY OUTSIDE LABORATORY. N/A  
 LABORATORY USED none  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER Tommy Doehn DATE 4/5/23