

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



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 DIVISION OF WATER POLLUTION CONTROL

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)	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		20065																	
2																			
3		11669																	
4		15341																	
5		11946																	
6		14392																	
7		13511																	
8		13972																	
9		12420																	
10		10060																	
11		18649																	
12		18763																	
13		18244																	
14		17255							0						0				
15		17598																	
16		23904																	
17		17722																	
18		23088																	
19		22605																	
20		21553																	
21		30555																	
22		27305																	
23		19921																	
24		13861																	
25		17255																	
26		7273																	NEW Flow METER AND PLC READINGS ONLY Discharge Flow.
27		3415																	
28		4268																	
29		4374																	
30		4957																	
31		3867																	
TOTAL		440308							0						0				
PERMIT AVG LIMIT									0			MIN		200	0			6.0 MIN	
ACTUAL AVG VALUE		15344							0			MIN			0			MIN	
PERMIT MAX LIMIT									0					1000	0			9.0	
ACTUAL MAX VALUE		30555							0						0				
PERMIT FREQUENCY OF ANALYSIS		10x							A						QTR				
ACTUAL FREQUENCY OF ANALYSIS		cont							A						QTR				
PERMIT SAMPLE TYPE		cont	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACTUAL SAMPLE TYPE		cont							GRAB						GRAB				
NO OF VIOLATIONS									0						GRAB				

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 10-2-23
 LICENSE NO. 3039 PHONE NO. 865-529-0217
 ANALYSES PERFORMED BY OUTSIDE LABORATORY. BOD-5/AMMONIA as N
 LABORATORY USED Microbac Laboratories Maryville
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER Terry Decker DATE 10/2/2023



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

OCT 06 2023

FACILITY Sanitary Drip Irrigation NPDES PERMIT NO. SP-14018
 PERMITTEE Parsh Brothers & Company MONTH August 20 23
 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		4054																	
2		4098																	
3		4363																	
4		5823																	
5		5734																	
6		4276																	
7		3380																	
8		4492																	
9		4036																	
10		3650																	
11		6166																	
12		8360																	
13		5480																	
14		3670																	
15		5014																	
16		6894																	
17		5458																	
18		4676																	
19		4420																	
20		3244																	
21		2633																	
22		3232																	
23		3740																	
24		3530																	
25		3694																	
26		3451																	
27		2874																	
28		2454																	
29		3423																	
30		3841																	
31		3865																	
TOTAL		135133																	
PERMIT AVG. LIMIT												MIN		200				6.0 MIN	
ACTUAL AVG VALUE		4359										MIN						MIN	
PERMIT MAX LIMIT																			9.0
ACTUAL MAX VALUE		8360																	
PERMIT FREQUENCY OF ANALYSIS		cont																	
ACTUAL FREQUENCY OF ANALYSIS		cont																	
PERMIT SAMPLE TYPE		cont	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACTUAL SAMPLE TYPE		cont																	
NO OF VIOLATIONS																			

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 10-2-23
 LICENSE NO. 3039 PHONE NO. 865-509-0227
 ANALYSES PERFORMED BY OUTSIDE LABORATORY. none
 LABORATORY USED N/A
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER [Signature] DATE 10/2/23



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

FACILITY Sanitary Drip Irrigation NPDES PERMIT NO. SP-14018
 PERMITTEE Bush Brothers & Company MONTH _____ 20____
 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)	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		3423																	
2		3496																	
3		2862																	
4		2120																	
5		1763																	
6		2197																	
7		3384																	
8		3288																	
9		3545																	
10		2913																	
11		3084																	
12		3627																	
13		8877																	
14		14868																	
15		15324																	
16		14136																	
17		12036																	
18		9438																	
19		12848																	
20		12768																	
21		13247																	
22		13682																	
23		14849																	
24		12233																	
25		8622																	
26		12445																	
27		13414																	
28		13385																	
29		13335																	
30		13437																	
31																			
TOTAL		265231																	
PERMIT AVG. LIMIT										MIN			200				8.0 MIN		
ACTUAL AVG VALUE		8841								MIN							MIN		
PERMIT MAX. LIMIT															1000		9.0		
ACTUAL MAX VALUE		15324																	
PERMIT FREQUENCY OF ANALYSIS		cont																	
ACTUAL FREQUENCY OF ANALYSIS		cont																	
PERMIT SAMPLE TYPE		cont	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 10-2-23
 LICENSE NO. 3039 PHONE NO. 865-589-0217
 ANALYSES PERFORMED BY OUTSIDE LABORATORY. NA
 LABORATORY USED USE
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER [Signature] DATE 10/2/2023