

**Bush Brothers & Company #3**  
**3304 Chestnut Hill Road**  
**Dandridge, TN 37725**  
**PWSID # 0004415**  
**Daily Operational Report 2024**

MAR 06 2024

Date	Wat. Treated, 1000 Gal.		Temp. Celsius	Turb. Raw	Finished Water Turbidity						Chlorine Residual		Chlorine, LBS.			Alkalinity		pH	
	Raw	Finished			12-4	4-8	8-12	12-4	4-8	8-12	Raw	Effluent	Pre	Post	Raw	Finished	Raw	Finished	
1-Feb	1497.7	"	9	5.58	0.12	0.13	0.13	0.12	0.13	0.13	0.2	2.1	1.9	38.1	177	170	7.6	7.5	
2-Feb	1913.8	"	10	4.99	0.16	0.13	0.12	0.11	0.12	0.13	0.0	2.0	2.6	50.8	173	170	7.6	7.5	
3-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
4-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
5-Feb	1199.6	"	9	3.78	0.18	0.16	0.14	0.13	0.11	0.10	0.4	2.4	7.5	37.1	181	174	7.6	7.6	
6-Feb	1350.0	"	9	3.47	0.11	0.14	0.14	0.12	0.11	0.11	0.4	2.4	5.5	42.5	182	174	7.6	7.6	
7-Feb	1409.3	"	9	3.07	0.14	0.16	0.15	0.14	0.12	0.13	0.5	2.3	5.7	40.2	171	161	7.6	7.6	
8-Feb	1364.9	"	9	2.65	0.11	0.09	0.07	0.10	0.10	0.12	0.3	2.4	5.8	38.9	172	164	7.6	7.6	
9-Feb	1575.7	"	10	2.69	0.15	0.16	0.15	0.13	0.11	0.11	0.0	2.4	0.0	38.3	177	168	7.6	7.6	
10-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
13-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
14-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
15-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
16-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
17-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
18-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
19-Feb	1477.4	"	8	5.17	0.37	0.20	0.26	0.13	0.25	0.26	0.8	2.0	25.4	38.0	180	170	7.6	7.5	
20-Feb	1514.6	"	9	5.23	0.22	0.18	0.21	0.19	0.19	0.24	1.0	2.2	27.6	38.5	184	174	7.6	7.5	
21-Feb	1530.9	"	10	5.59	0.22	0.22	0.24	0.20	0.22	0.25	1.1	2.2	26.8	41.9	189	182	7.6	7.5	
22-Feb	1477.5	"	10	4.75	0.22	0.24	0.24	0.21	0.22	0.19	1.2	2.2	28.2	39.7	189	179	7.6	7.5	
23-Feb	2121.9	"	10	4.88	0.20	0.30	0.30	0.24	0.23	0.24	0.0	2.2	12.1	56.2	185	181	7.6	7.5	
24-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
25-Feb	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
26-Feb	1488.8	"	11	4.19	0.28	0.27	0.21	0.07	0.09	0.23	1.2	2.1	22.9	37.9	180	174	7.6	7.5	
27-Feb	1238.6	"	12	4.35	0.16	0.13	0.11	0.11	0.11	0.11	0.0	2.1	1.8	32.1	183	174	7.6	7.6	
28-Feb	1479.4	"	12	3.59	0.12	0.13	0.14	0.12	0.12	0.16	0.2	2.4	9.1	33.4	180	176	7.6	7.6	
29-Feb	1554.0	"	11	3.18	0.15	0.15	0.14	0.13	0.11	0.13	0.2	1.9	8.8	37.1	184	181	7.6	7.6	
Total	24194.1	"	158	67.16	2.91	2.79	2.75	2.25	2.34	2.64	7.5	35.3	191.7	640.7	2887	2772	121.6	120.8	
Avg.	1512.1	"	10	4.20	0.18	0.17	0.17	0.14	0.15	0.17	0.5	2.2	12.0	40.0	180	173	7.6	7.6	
Max.	2121.9	"	12	5.59	0.37	0.30	0.30	0.24	0.25	0.26	1.2	2.4	28.2	56.2	189	182	7.6	7.6	
Min.	1199.6	"	8	2.65	0.11	0.09	0.07	0.07	0.09	0.10	0.0	1.9	0.0	32.1	171	161	7.6	7.5	

\*Non-operational date.

*Daniel Fullington*  
*Daniel Fullington WT-2*

**Bush Brothers & Co. #3 Water System**  
**PWSID # 0004415**  
**Dandridge, TN 37725**  
**DISINFECTION PROFILE**

**MAR 06 2024**

**2024**

Enter Baffling Factor for Stage 1: 0.70  
 Enter Baffling Factor for Stage 2: 1.00

**Feb-24**

Sample Date	Treatment Stage	Disinfectant	Residual Conc. (mg/L)	pH	Temp. (Celsius)	Peak Flow (GPM)	Vol. Min. (gal)	TDT (min)	T10 (min)	CT calc	CT Req	IR	Total IR
2/1/2024	1. First sequence	Free Chlorine	0.20	7.60	9.0	1,963	56,000	28.5	20.0	4.0	46.1	0.09	
	2. Second sequence	Free Chlorine	2.10	7.50	9.0	57	56,000	982.5	982.5	2,063.2	54.1	38.14	38.23
2/2/2024	1. First sequence	Free Chlorine	0.00	7.60	10.0	2,137	56,000	26.2	18.3	0.0	0.0	#DIV/0!	
	2. Second sequence	Free Chlorine	2.00	7.50	10.0	75	56,000	746.7	746.7	1,493.3	50.1	29.81	29.81
2/5/2024	1. First sequence	Free Chlorine	0.40	7.60	9.0	1,557	56,000	36.0	25.2	10.1	46.1	0.22	
	2. Second sequence	Free Chlorine	2.40	7.60	9.0	95	56,000	589.5	589.5	1,414.7	57.9	24.43	24.65
2/6/2024	1. First sequence	Free Chlorine	0.40	7.60	9.0	1,889	56,000	29.6	20.8	8.3	46.1	0.18	
	2. Second sequence	Free Chlorine	2.40	7.60	9.0	65	56,000	861.5	861.5	2,067.7	57.9	35.71	35.89
2/7/2024	1. First sequence	Free Chlorine	0.50	7.60	9.0	1,967	56,000	28.5	19.9	10.0	46.7	0.21	
	2. Second sequence	Free Chlorine	2.30	7.60	9.0	58	56,000	965.5	965.5	2,220.7	57.4	38.69	38.90
2/8/2024	1. First sequence	Free Chlorine	0.30	7.60	9.0	1,879	56,000	29.8	20.9	6.3	46.1	0.14	
	2. Second sequence	Free Chlorine	2.40	7.60	9.0	55	56,000	1,018.2	1,018.2	2,443.6	58.0	42.13	42.27
2/9/2024	1. First sequence	Free Chlorine	0.00	7.60	10.0	1,959	56,000	28.6	20.0	0.0	0.0	#DIV/0!	
	2. Second sequence	Free Chlorine	2.40	7.60	10.0	56	56,000	1,000.0	1,000.0	2,400.0	54.3	44.20	44.20
2/19/2024	1. First sequence	Free Chlorine	0.80	7.60	8.0	2,149	56,000	26.1	18.2	14.6	51.5	0.28	
	2. Second sequence	Free Chlorine	2.00	7.50	8.0	100	56,000	560.0	560.0	1,120.0	56.8	19.72	20.00
2/20/2024	1. First sequence	Free Chlorine	1.00	7.60	9.0	1,984	56,000	28.2	19.8	19.8	49.6	0.40	
	2. Second sequence	Free Chlorine	2.20	7.50	9.0	116	56,000	482.8	482.8	1,062.1	54.6	19.45	19.85
2/21/2024	1. First sequence	Free Chlorine	1.10	7.60	10.0	2,056	56,000	27.2	19.1	21.0	42.0	0.50	
	2. Second sequence	Free Chlorine	2.20	7.50	10.0	64	56,000	875.0	875.0	1,925.0	51.2	37.60	38.10
2/22/2024	1. First sequence	Free Chlorine	1.20	7.60	10.0	1,788	56,000	31.3	21.9	26.3	47.6	0.55	
	2. Second sequence	Free Chlorine	2.20	7.50	10.0	64	56,000	875.0	875.0	1,925.0	51.2	37.60	38.15
2/23/2024	1. First sequence	Free Chlorine	0.00	7.60	10.0	1,948	56,000	28.7	20.1	0.0	0.0	#DIV/0!	
	2. Second sequence	Free Chlorine	2.20	7.50	10.0	63	56,000	888.9	888.9	1,955.6	51.2	38.19	38.19
2/26/2024	1. First sequence	Free Chlorine	1.20	7.60	11.0	2,102	56,000	26.6	18.6	22.4	44.3	0.51	
	2. Second sequence	Free Chlorine	2.10	7.50	11.0	63	56,000	888.9	888.9	1,866.7	47.1	39.63	40.14
2/27/2024	1. First sequence	Free Chlorine	0.00	7.60	12.0	1,926	56,000	29.1	20.4	0.0	0.0	#DIV/0!	
	2. Second sequence	Free Chlorine	2.10	7.60	12.0	75	56,000	746.7	746.7	1,568.0	45.3	34.61	34.61
2/28/2024	1. First sequence	Free Chlorine	0.20	7.60	12.0	2,041	56,000	27.4	19.2	3.8	37.1	0.10	
	2. Second sequence	Free Chlorine	2.40	7.60	12.0	67	56,000	835.8	835.8	2,006.0	46.7	42.95	43.05
2/29/2024	1. First sequence	Free Chlorine	0.20	7.60	11.0	2,058	56,000	27.2	19.0	3.8	40.1	0.10	
	2. Second sequence	Free Chlorine	1.90	7.60	11.0	60	56,000	933.3	933.3	1,773.3	47.9	37.02	37.12
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	1. First sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	
	2. Second sequence	Free Chlorine					56,000	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	





TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES, COMPLIANCE AND ENFORCEMENT UNIT

DISINFECTANT MONITORING REPORT

PUBLIC WATER SYSTEM NAME AND ADDRESS MAR 06 2024

PWSID # 0004415 FACILITY ID

START DATE 020124 SAMPLE PERIOD END DATE 022924

Bush Brothers #3
3304 Chestnut Hill Rd.
Dandridge, TN 37725

I. SYSTEMS USING CHLORINE OR CHLORAMINES (1)

A. Distribution System Monitoring

Number of Samples Required (1) 001 Number of Samples Taken 001 Lowest Residual Measured (mg/L) 1.10 Average Residual Measured (mg/L) 1.10 Number of Samples below 0.2 mg/L 000 % of Samples 0.2 mg/L or higher

B. Entry Point Monitoring

Number of Days Residual Measurements Required (2) 16 Type of Monitoring Conducted Grab [checked] Continuous [ ] Lowest Residual Measured (mg/L) 1.90 Was the Continuous Chlorine Analyzer out of service more than 5 consecutive days while this facility was in operation? [checked] ("Y" for yes, or "N" for no)

II. SYSTEMS USING CHLORINE DIOXIDE

A. Entry Point Monitoring

Number of Days Residual Measurements Required [ ] Taken [ ] Highest Residual Measured Entering the D.S. [ ] mg/L Number of Days Residual Measured > MRDL [ ] Number of Consecutive Days Residual Measured > MRDL [ ]

B. Distribution System Monitoring

1. Systems Not Utilizing Disinfection Booster Stations

Date E.P. Sample Exceeded MRDL [ ] Date of Follow-Up Sampling (3) [ ] Time of First Sample [ ] Result (mg/L) [ ] Time of Second Sample [ ] Result (mg/L) [ ] Time of Third Sample [ ] Result (mg/L) [ ]

2. Systems Utilizing Disinfection Booster Stations

Date E.P. Sample Exceeded MRDL [ ] Date Follow-Up Sampling (4) [ ] Closest Customer [ ] Sample Results (mg/L) at: Average Point [ ] Maximum Residence Time [ ]

Notes:

- (1) Disinfection residuals must be measured at the same frequency and locations for all total coliform samples that are taken.
(2) Each day of operation, Subpart H systems and True Ground Water Systems serving more than 3,330 persons must measure chlorine residuals continuously at the entry point to the distribution system.
(3) For systems using chlorine dioxide, and not utilizing booster chlorination facilities in the distribution system, if an entry point sample exceeds the MRDL, a three-sample set of measurements must be taken the day after the exceedance at a point closest to the first customer at six-hour intervals.
(4) For systems using chlorine dioxide, and which utilize booster chlorination facilities in the distribution system, if an entry point sample exceeds the MRDL, a three-sample set of measurements must be taken the day after the exceedance at the following locations: 1) a point closest to the first customer 2) a point reflecting the average residence time, and, 3) a point reflecting the maximum residence time.

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

PREPARED BY Earl Matheny, Jr. DATE 3/4/24 APPROVED BY Tony Dyer DATE 3/4/24



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF WATER RESOURCES, COMPLIANCE AND ENFORCEMENT UNIT

INTERIM ENHANCED SURFACE WATER TREATMENT RULE  
FILTER PERFORMANCE REPORT <sup>(1)</sup>

PUBLIC WATER SYSTEM NAME AND ADDRESS

Bush Brothers #3  
3304 Chestnut Hill Rd.  
Dandridge, TN. 37725

MAR 06 2024

PWSID #		ENTRY POINT	SAMPLE PERIOD		END DATE	TOTAL HOURS PLANT OPERATED THIS MONTH	LABORATORY ID
0004415			020124		022924	384	00053
REPORTABLE SAMPLES <sup>(2)</sup> REQUIRED	TAKEN	NUMBER OF REPORTABLE SAMPLES LESS THAN OR EQUAL TO THE LOWER NTU STANDARD <sup>(3)</sup>	PERCENT OF REPORTABLE SAMPLES LESS THAN OR EQUAL TO THE LOWER NTU STANDARD	NUMBER OF REPORTABLE SAMPLES EXCEEDING THE UPPER NTU STANDARD <sup>(4)</sup> (LIST DATES ON BACK)	HIGHEST FINISHED WATER TURBIDITY THIS MONTH		
96	96	93	96.81	000	00.372		

Notes:

- (1) This form applies to filtration systems utilizing either a surface water supply or a source that has been designated groundwater under the direct influence of surface water.
- (2) Systems utilizing cartridge filtration must at a minimum, measure turbidity once per day while treating water. Systems required to measure and record finished water turbidity every 4 hours that the plant is in operation, shall report the highest value measured during each 4-hour period. Systems utilizing continuous monitoring turbidimeters shall report the highest recorded value for every 4 hour period.
- (3) NTU standards vary depending on the type of filtration treatment provided, and include a lower limit that must be met in 95% of the reportable samples, and an upper limit that cannot be exceeded without receiving a treatment technique violation. Use the lower NTU standard applicable to this facility for this calculation.
- (4) Indicate the number of reportable samples that exceeded the upper NTU standard. On the back of this form, indicate the dates when a sample exceeded the upper NTU standard, and the date the state was notified of the exceedance.

Did this facility meet the CT requirements for each day it was in operation?

Y or N

**A. FOR ALL FILTERS AT THIS FACILITY**

1. Was turbidity monitored continuously and the results recorded for each filter effluent line?
2. If the answer to question number 1 is no, was grab sampling conducted for every 4 hours the continuous monitor was out of service?
3. If the answer to question number 2 is yes, was grab sampling conducted for more than 5 consecutive days on any individual filter?

Y or N

**B. FOR ANY FILTER AT THIS FACILITY <sup>(5)</sup>**

Were any 2 consecutive filter effluent measurements taken 15 minutes apart:

Y or N

1. Greater than 0.5 NTU after the first 4 hours of operation?
2. Greater than 1.0 NTU?
3. Greater than 1.0 NTU in each of 3 consecutive months?
4. Greater than 2.0 NTU in two consecutive months?

Filter Numbers (maximum of four filters)


Note:

(5) If this facility answered "Yes" to any question listed in Section B. above, then the system must submit a "Monthly Turbidity Exceedance Report" (CN-1196) for the individual filter that met at least one of the conditions listed.

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

PREPARED BY: Earl Matheny, Jr. DATE: 3/4/24 PHONE: (865) 509-2361 APPROVED BY: Tony Docha DATE: 3/4/24 PHONE: (865) 776-4804

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION



DIVISION OF WATER SUPPLY  
 L & C TOWER, 6TH FLOOR  
 401 CHURCH STREET  
 NASHVILLE, TN 37243-1549

MAR 06 2024

WATER PUMPAGE DATA REPORT

PWSID: TN00004415 Month: February Year: 2024

Water System Name: Bush Brothers #3

Address: 3304 Chestnut Hill Rd

City/State/Zip: Dandridge, TN 37725

Source Name	Source Types*	Emerg.	Monthly Average	Maximum Day
1. <u>Springs</u>	S <u>(G)</u> P E		<u>000.3562</u>	<u>001.1232</u>
2. <u>Whaley Wells</u>	S <u>(G)</u> P E		<u>000.5785</u>	<u>000.7200</u>
3. <u>AJ Well</u>	S <u>(G)</u> P E		<u>000.1092</u>	<u>000.1440</u>
4. <u>Dickey Rd Wells</u>	S <u>(G)</u> P E			
5. <u>#4 Warehouse Well</u>	S <u>(G)</u> P E			
6. <u>Old office Well</u>	S <u>(G)</u> P E			
7. <u>Lake Wells</u>	S <u>(G)</u> P E			
8. <u>Cornhusker Well</u>	S <u>(G)</u> P E			
9. <u>Sevierville, Water</u>	S G <u>(P)</u> E		<u>000.0223</u>	<u>000.2160</u>
10. _____	S G P E			

\*SOURCE TYPE KEY: S=Surface Water, G=Ground Water, P=Purchased Water, E=Emergency Source

Print Name: Earl Matheny, Jr.

Signature: Earl Matheny, Jr.

Phone: (865) 509-2361

E-mail: ematheny@bushbros.com

Report water data in MGD as examples below:

1,900 gallons = 0.0019 MGD

15,255 gallons = 0.0153 MGD

154,427 gallons = 0.1544 MGD

Each source must report monthly. If there is no pumpage or purchase, still list all sources. No pumpage = 0.0000 MGD. Keep sources in the same numerical order.

\* Circle source type (S, G, P) and Circle (E) if it is an emergency connection.