

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 DIVISION OF WATER RESOURCES
 DMR/MOR MONTHLY OPERATION REPORT FOR PACKAGE TREATMENT PLANTS

FACILITY Valley Forge Elementary School
 PERMITTEE Carter County Board of Education
 CITY Elizabethton

NPDES Permit Number TN0056405
 Month November 2023
 County Carter

RECEIVED

DEC 13 2023

Date	Time of Sampling	Wastewater Flow (gpd)	Influent		OPERATION TESTS										EFFLUENT					SLUDGE DISPOSAL		COMMENTS ABOUT OPERATION AND COMPLIANCE
			CBOD5 (mg/l)	Suspended Solids (mg/l)	MLSS (mg/l)	Mixed Liquor Settleable	Aer. Tank Dissolved Oxygen (mg/l)	Clar. Sludge Depth in Ft	CBOD5 (mg/l)	Susp. Solids (mg/l)	Settleable Solids Imhoff Cone	Dissolved Oxygen (mg/l)	Chlorine Residual (mg/l)	E. Coli. (org./100 ml)	Ammonia Nitrogen (mg/l)	pH, SU	Volume from Clarifier to Holding Tank (gal.)	Volume from Holding Tank to Final				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
1	5:00pm	2880											3.7	0.27					6.5			
2	5:25pm	0			2180	150	3.8	1.5	< 5.0	4.0	< 0.1		3.9	0.12	< 1	6.6300			6.5			
3	5:15pm	0											3.2	0.54					6.7			
4																						
5																						
6	5:15pm	2880											4.5	0.09					6.3			
7	5:15pm	0				100	5.2	1.0			< 0.1		5.3	0.04					6.3			
8	7:00am	2880			1080				< 5.0	14.0			4.8	0.10	< 1				6.3			
9	5:15pm	0				100	5.2	1.0			< 0.1		5.2	0.12					6.4			
10	5:15pm	0											2.8	0.05					6.3			
11																						
12																						
13	5:15pm	0											2.5	0.05					6.7			
14	5:15pm	0				100	5.2	1.0			< 0.1		2.8	0.11					6.9			
15	5:15pm	0											2.2	0.05					7.1			
16	5:15pm	2880				100	5.2	1.0			< 0.1		2.1	0.04					6.6			
17	5:15pm	0											2.3	0.04					7.1			
18																						
19																						
20	5:15pm	2880											8.2	0.12					6.9			
21	5:15pm	2880				100	5.2	1.0			< 0.1		7.8	0.06					7.0			
22	Holiday																					
23	Holiday																					
24	Holiday																					
25																						
26																						
27	5:15pm	0											8.7	0.20					6.8			
28	5:15pm	960				100	5.2	1.0			< 0.1		8.8	0.14					6.9			
29	5:15pm	0											9.1	0.28					7.2			
30	5:15pm	0				100	5.2	1.0			< 0.1		8.3	0.19					7.2			
31																						
Total		18240							10.0	18.0						6.6300						
Permit Avg. Limit									30	30			1.0 Min.		126	Report			6.0			
Act. A 4:00pm		960							< 5.0	9.0			2.1		< 1				6.3			
Permit Max. Limit									45	45	1.0		2.00		487				9.0			
Act. M 4:00pm		2880							< 5.0	14.0	< 0.1		0.54		< 1				7.2			
Permit 4:kkpm		5/wk	2/mo	2/mo	1/wk	5/wk	5/wk	5/wk	2/mo	2/mo	2/wk	5/wk	5/wk	2/mo	5/wk							
Act. F 4:..pm		Cont.	2/mo	2/mo	1/wk	5/wk	5/wk	5/wk	2/mo	2/mo	2/wk	5/wk	5/wk	2/mo	5/wk							
Permit 4:..pm		Inst.	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
Actual 4:rrpm		Meter	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
No. of Violations									0	0	0	0	0	0	0	0						

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 135. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OPERATOR *[Signature]* DATE December 11, 2023
 LICENSE NO. 1081 PHONE NO. 440-9169
 ANALYSES PERFORMED BY OUTSIDE LABORATORY TSS, CBOD, AMMONIA, E-COLI.
 LABORATORY USED WAYPOINT ANALYTICAL LAB (TN 02027)
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER *[Signature]* DATE 12/11/23