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JOHNSON CITY



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

FACILITY Hampton Elementary School
PERMITTEE Carter County Board of Education
CITY Hampton

NPDES Permit Number TN0023698
Month October 2023
County Carter

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 Settling	Aer. Tank Dissolved Oxygen (mg/l)	Clar. Sludge Depth in FL	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																					
2	10:00am	2880				320	3.5	3.0			<	0.1	7.4	0.11			7.6				
3	8:30am	960			6460				11.0	23.0		7.5	0.31	<	1	11.70	7.5				
4	8:30am	2880			2380				27.0	28.0		7.4	0.27	<	1	12.00	7.6				
5	10:00am	2880				350	3.6	3.5			<	0.1	7.4	0.41			7.5				
6	4:00pm	480										7.5	0.27				7.7				
7																					
8																					
9	Fall Break																				
10	Fall Break																2500.0	Waste Sludge hauled by Hill's Septic to Brush Creek WWTP. Total % Solids 0.6 percent			
11	Fall Break																				
12	Fall Break																				
13	Fall Break																				
14																					
15																					
16	Fall Break																				
17	4:30pm	6240				250	3.7	2.0			<	0.1	7.2	0.11			7.5				
18	3:30pm	2880										7.2	0.46				7.5				
19	4:30pm	2880				260	3.6	2.0			<	0.1	7.2	0.39			7.6				
20	4:00pm	960										7.3	0.33				7.5				
21																					
22																					
23	1:00pm	6240										7.2	0.17				7.4				
24	4:30pm	2880				240	3.4	2.0			<	0.1	7.1	0.25			7.5				
25	4:30pm	960										7.2	0.33				7.6				
26	4:00pm	2880				230	3.5	2.0			<	0.1	7.2	0.43		26.5	7.7	Collected additional sample to check compliance. Will continue to investigate reasons for violations.			
27	2:00pm																	Attended Operator Appreciation Day in Murfreesboro.			
28		0										7.1	0.29				7.4				
29																					
30	3:30pm	960										7.1	0.17				7.5	Discovered the aeration blower timer intermittently over heating and stopping for long periods of time.			
31	4:30pm	6240				230	3.5	2.0			<	0.1	7.1	0.52			7.6	Requested school maintenance repair or replace timer.			
Total		43200							38.0	49				2		50.20					
Permit Avg. Limit									25	30		6.0 Min.		126		5.00	6.0				
Act. Avg. Value		2700							19.0	24.5		7.1		<	1	16.73	7.4				
Permit Max. Limit									40	45	1.0		0.6	487		10.00	9.0				
Act. Max Value		6240							27.0	26.0	<	0.1	0.52	<	1	26.50	7.7				
Permit Freq. Of Anal.	5/wk	2/mo	2/mo	1/wk	5/wk	5/wk	5/wk	5/wk	2/mo	2/mo	2/wk	5/wk	5/wk	2/mo	2/mo	5/wk					
Act. Freq. Of Anal.	Cont.	2/mo	2/mo	1/wk	5/wk	5/wk	5/wk	5/wk	2/mo	2/mo	2/wk	5/wk	5/wk	2/mo	2/mo	5/wk					
Permit Sample Type	Inst.	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab					
Actual Sample Type	Meter	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab					
No. of Violations									0	0		0	0	0		4	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 136. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OPERATOR  DATE November 9, 2023
 LICENSE NO. 1061 PHONE NO. 440-9189
 ANALYSES PERFORMED BY OUTSIDE LABORATORY TSS, CBOD, AMMONIA, E-COLI.
 LABORATORY USED WAYPOINT ANALYTICAL LAB (TN 02027)
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER  DATE 11/11/23