

WASTEWATER TREATMENT FACILITY
MONTHLY OPERATING REPORT

PERMITTEE
Shelby County Government
160 N. Main St.
Memphis **38103**
Phone

FACILITY
Chapel Hill
NPDES # TN0026361

MONTH:
Jul-23

EFFLUENT PARAMETERS

Date	FLOW gpd	Average Flow	Dis O2 mg/L	pH units	CBOD mg/L	TSS mg/L	NH3-N mg/L	Escherichia Coliform per 100 ml	Sett Solids ml/L	Chlorine Residual
1	s									
2	s									
3	68250	22750	10.6	7.4					<.05	0.01
4	h								<.05	0.01
5	42000	21000	8.9	7.4					<.05	0.01
6	23250	23250	7.9	7.3					<.05	0.01
7	21375	21375	8.8	7.4					<.05	0.01
8	s									
9	s									
10	44250	14750	9.0	7.4					<.05	0.01
11	18000	18000	10.5	7.3					<.05	0.01
12	19875	19875	11.5	7.4					<.05	0.01
13	18600	18600	9.4	7.5					<.05	0.01
14	22875	22875	10.2	7.5					<.05	0.01
15	s									
16	s									
17	49500	16500	9.4	7.3					<.05	0.01
18	24750	24750	8.0	7.3					<.05	0.01
19	20625	20625	9.4	7.4					<.05	0.01
20	18525	18525	8.9	7.3					<.05	0.01
21	15750	15750	8.1	7.5					<.05	0.01
22	s									
23	s									
24	51000	17000	9.9	7.4					<.05	0.01
25	17550	17550	7.9	7.4					<.05	0.01
26	19200	19200	9.3	7.4					<.05	0.01
27	18075	18075	8.2	7.4	4.0	5.0	0.53	0	<.05	0.01
28	24975	24975	9.7	7.3	4.0	7.0	0.67	0	<.05	0.01
29	s									
30	s									
31	49125	16375	9.2	7.4					<.05	0.0

SCANNED
[Signature]
RECEIVED
AUG 24 2023
Memphis, TN

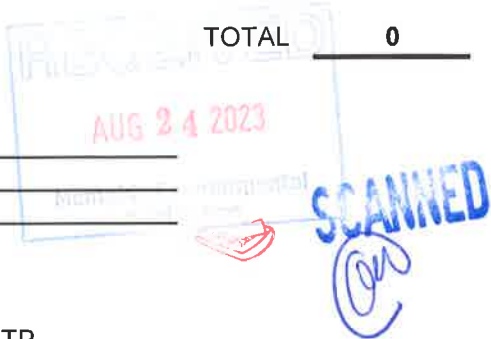
total	587550									
average	18953		9.2	7.4	4.0	6.0	0.60	0	0.05	
maximum		24975	11.5	7.5	4.0	7.0	0.67	0	0.05	0.01
minimum		14750	7.9	7.3						

WASTEWATER TREATMENT FACILITY
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Chapel Hill				MONTH: Jul-23		Exceptions	
Parameter	Units	Frequency		minimum	average		maximum
FLOW, thru plant	MGD	5 of 7 5 of 7	value permit		0.01895 report	0.06825 report	
CBOD, 5 day, eff	mg/L	2 of 31 2 of 31	value permit		4.0 10	4.0 20	0
TSS, eff	mg/L	2 of 31 2 of 31	value permit		6.0 30	7.0 45	0
NH3-N eff	mg/L	2 of 31 2 of 31	value permit		0.60 5	0.67 10	0
D.O., eff	mg/L	5 of 7 5 of 7	value permit	7.9 6.0			0
pH, eff	S.U.	2 of 7 2 of 7	value permit	7.3 6		7.5 9	0
Sett. Solids eff	ml/L	2 of 7 2 of 7	value permit			0.05 1.0	0
E. coli eff	per 100 ml	2 of 31 2 of 31	value permit		0 126	0 941	0
TRC eff	mg/L	5 of 31 5 of 31	value permit			0.01 0.02	0
Total Phosphorous =		0.22 mg/L					

TOTAL 0

WAS, disposed
mg/L _____
gal _____
lbs _____



Analytical lab: Cornerstone Laboratories, Memphis TN
Tests performed: CBOD, TSS, NH3-N, E. COLI and TP

I certify that the information submitted is accurate and complete, to the best of my knowledge.

Operator signature: *Chris [Signature]*
License number: 2789

Date: 8/15/23