

## CITY OF CORNELIA W.P.C.P. TREATMENT STANDARD POLICY

City of Cornelia Optimum Treatment Goals		NPDES Permit Requirement
BOD Removal	> 95%	85%
TSS Removal	> 95%	85%
BOD	< 10 MG/L	25 MG/L
TSS	< 10 MG/L	20 MG/L
FECAL	< 50/100 ML	200/100 ML
AMMONIA	< .5 MG/L	1.5 MG/L
PHOSPHOROUS	< .5 MG/L	1.1 MG/L
TRC	BDL	.013 MG/L
TOXICITY	100 % Survival	88% Survival
PH	6.8 - 7.8 SU	6.0 - 8.5 SU
D.O.	> 7.5 MG/L	6.0 MG/L
FLOW	2.0 - 3.0 MGD	3.0 MGD

It is the City of Cornelia's policy to exceed all standards set forth in the Water pollution Control Plant's NPDES permit. Most of these standards exceed the permit standards by at least 50%. The goal for the City of Cornelia's W.P.C.P. is to discharge the cleanest, highest quality, and safest effluent water as possible back into the Chattahoochee Watershed Basin. The W.P.C.P. is a state certified lab which participates annually in the DMR QA/QC study. The W.P.C.P. has passed with 100% success on the first attempt the past two years.