

**Alabama/Coushatta Tribe of Texas
WWTP Critical Conditions**

OUTFALL 001 is **MENU #4 (Discharge is directly to a lake.)** It discharges into Tombigbee Lake in Polk County, Texas (**unclassified**).

Critical Flows:

Not applicable

Critical Conditions:

Discharge is 0.12 MGD (avg.) (< 10 MGD) and lake-width at discharge entry point is 1,145 feet (> 200 feet), therefore:

- acute toxic criteria apply at 60%. (**ZID = 60%**)
- chronic toxic criteria apply at 15%. (**MZ = 15%**), and
- human health criteria apply at 8%. (**HH = 8%**).

The lake is 20.5 acres (< 50) in surface area, therefore **human health criteria apply at the 10^{-4} risk level (Incidental Freshwater Fish Tissue).**