

ADEQ Comments on AquAeTer's Ouachita River Flood Model Report dated 9/18/2017.

1. The section titled "No Loading Condition" on page 27 refers to the Mill Discharge as Coffee Creek. The surveyor's certification states that the effluent channel and Coffee Creek are completely independent of one another. Therefore, the Mill Discharge should not be referred to as Coffee Creek.
2. The titles for Tables 1 and 2 are reversed.
3. The section discussing Reaeration Rate on page 25 states that the rate was adjusted for each flood scenario to project more reasonable rates than those predicted using O'Conner Dobbins formula. However, the report does not state what Reaeration Rates were selected, or how these rates were determined.
4. The report does not indicate the BOD5 effluent concentrations that were modeled in each model run.
5. ADEQ requests a complete copy of the QUAL-2E model inputs and outputs for each model run.