

Bladen Bluffs - Lower Cape Fear Water & Sewer Authority (50-09-012)

Water Shortage Response Plan 5-Year Update

The Lower Cape Fear Water & Sewer Authority (LCFWASA) provides a surface water supply, from the Cape Fear River behind Lock & Dam #2, to a 6 MGD water treatment plant owned by LCFWASA as a local government treated water system with a single source distribution pipeline to a privately own Company in accordance with a treated water supply agreement for a specified quantity of treated water at an agreed upon pressure (PSI). The Company's food production plant operation owns a private ground water supply system of several wells. These wells are maintained on a regular basis and will serve as the Company's back up water supply system in the event of an interruption to the LCFWASA treated surface water system due to source water shortages within the Cape Fear River Basin.

The LCFWASA system can reduce its flow from the Cape Fear River as needed and or entirely shutdown the pump station and treatment plant in anticipation of a source water shortage situation.

Plan reviewed by NC DWR - August 2019

The LCFWSA – Bladen Bluffs facility does not fit the profile of a local government or large community system since it supplies a single, non-municipal customer.