

Kerr Lake Regional Water System Interbasin Transfer (IBT) Certificate Request

Primary Applicant: Kerr Lake Regional Water System

Source Basin: Roanoke

Receiving Basins: Tar, Fishing Creek, Neuse

Maximum Daily IBT request based on 2040 demand:

Roanoke to Tar: 22.48 MGD

Roanoke to Fishing: 1.63 MGD

Roanoke to Neuse: 2.4 MGD

The Kerr Lake Regional Water System (KLRWS) is a regional provider of drinking water. The system sells bulk water to Henderson, Oxford, and Warren County. These three customers, in turn, serve portions of Vance, Granville, Franklin, and Warren Counties.

KLRWS has an existing, grandfathered, surface water transfer capacity of 10 MGD. The grandfathered capacity allows the system to move water from the Roanoke River Basin (Kerr Lake). On February 18, 2009, KLRWS submitted a Notice of Intent to Request an Interbasin Transfer (IBT) Certificate to the Environmental Management Commission. In that notice KLRWS requested to increase the authorized transfer from 10 MGD to 24 MGD, and to transfer 2.4 MGD from the Roanoke River Basin to the Neuse River Basin. These transfer amounts are based on water use projections to the year 2040.

The applicant completed a Draft Environmental Impact Statement to support its transfer request in September 2011. The Division of Water Resources has provided review comments on the DEIS to the applicant. Before the DEIS can be finalized, the Roanoke River Basin Hydrologic Model must be upgraded. The Division is developing a contract for an upgrade for the Roanoke River Basin Hydrologic Model with an expected completion date of June 2013.

