



Kerr Environmental Services Corp.

*sustainable ecological restoration and environmental consulting*

## **STREAM RESTORATION EXPERIENCE**

### **Cobbs Creek Reservoir Stream Mitigation, Cumberland, Henrico Powhatan and Goochland Counties, Cumberland County, Virginia**

Kerr Environmental Services (KES) was asked to develop the permitting and mitigation strategy for impacts to 15.2 miles of streams resulting from the approximately 1,200 ac. proposed reservoir in Cumberland County, Virginia. Kerr Environmental Services assessed all 80,020 l.f. of streams within the Cobbs Creek reservoir footprint utilizing the Corps of Engineers (Corps) **Stream Attribute Assessment Methodology**



(SAAM) and Dept. of Environmental Quality (DEQ) **Stream Impact and Compensation Assessment Manual** (SICAM). Kerr Environmental also re-vamped the stream mitigation proposal. A unique solution was identified involving over 67 miles of stream preservation within the Cumberland State Forest that has, by law, no mandatory stream protection requirements. Another unique mitigation opportunity was also explored at the request of the Department of Forestry, upgrading existing stream crossings and performing necessary stream repairs caused by inadequate crossings. The Environmental Assessment (EA) has since been approved, and permits from both the Corps and DEQ have been secured.

Kerr Environmental Services Corporation is a Certified Small Business, GSA Contract Holder # GS-10F-0291V and SWaM VA Certified # 653032 that provides services related to National Environmental Policy Act (NEPA) document preparation; watershed inventories; sustainable habitat assessments and design; Low Impact Development design; wetland and stream permitting and mitigation design; remediation investigations; protected species studies; Stormwater Pollution Prevention Plans (SWPPPs) and inspections, and all necessary coordination with regulatory agency personnel.