

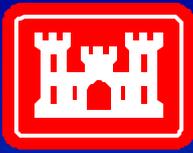
**U.S. Army Corps  
of Engineers**  
Wilmington District

# **Presentation to the Roanoke River Basin Bi-State Commission**

## **Kerr Lake Water Supply Allocation Status**

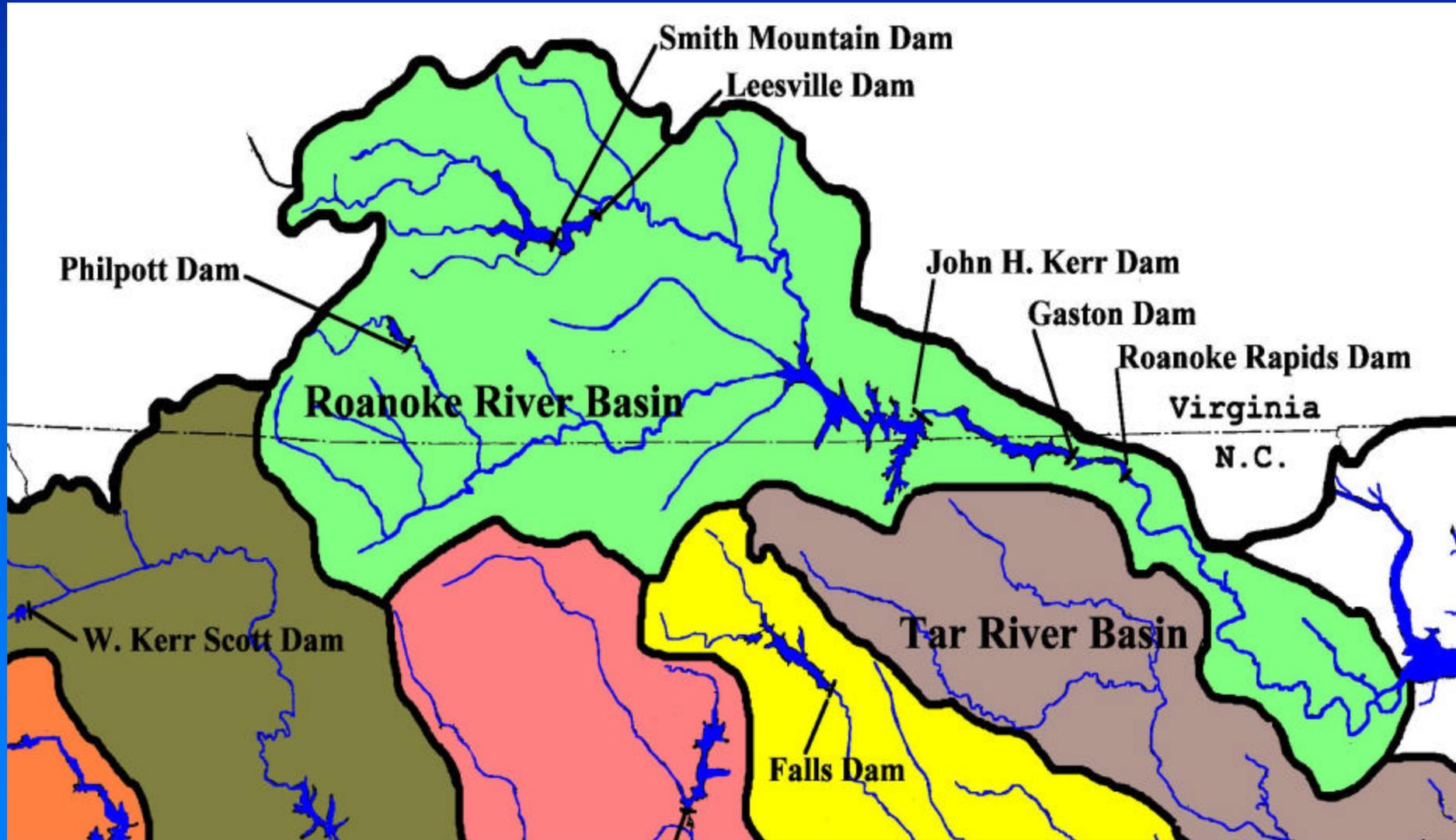
**March 27, 2009**

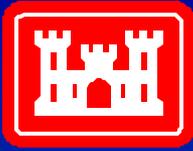
**Tony Young, P.E., Water Control Manager  
Wilmington District  
US Army Corps of Engineers**



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# John H. Kerr Dam and Reservoir





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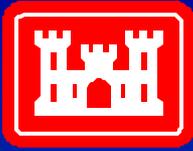
# John H. Kerr Dam and Reservoir Project Purposes/Authorities

## Originally Authorized Purposes

- Flood Control (PL 78-534, Flood Control Act of 1944)
- Hydroelectric Power (PL 78-534)

## Additional Standing Authorities

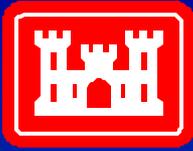
- Recreation (PL 78-534)
- Fish and Wildlife (PL 85-624)
- Low Flow Augmentation (PL 78-534)
- Water Supply (PL 85-500, Water Supply Act of 1958)



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# Water Supply Reallocation at Existing Projects

- '58 WSA authorizes the Sec'y of the Army to reallocate storage in existing projects to M&I water supply, provided existing project purposes aren't seriously affected.
- need to update the information we presented to Virginia commission members last April
- at that time we indicated that our process allowed Chief of Engineers or Sec'y of the Army to reallocate up to 50,000 acre-feet of Kerr's total storage capacity to M&I water supply



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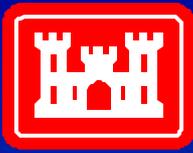
# Water Supply Reallocation at Existing Projects (cont'd)

- however, a court ruling at about that same time has come into play

- Southeastern Federal Power Customers, Inc. v. Geren, 514 F.3d 1316 (D.C. Cir. 2008) .

- don't know full extent of impact on our reallocation process, but...

- any future storage reallocations will have to be addressed on a case-by-case basis and may require higher level approval than we previously thought

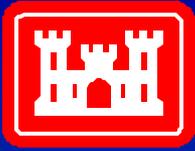


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# John H. Kerr

## Current Water Supply Allocations

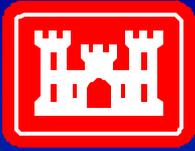
Water User	Agreement Type	Storage (acre-feet)	Date of Execution
Virginia Beach, VA	Water Storage	10,200	13-Jan-84
Henderson, NC	Water Storage	10,292	17-Mar-06
VA Dept of Corrections	Water Storage	23	07-Apr-89
Mecklenburg Cogen (Dominion)	Water Storage	600	20-Jun-91
<b>TOTAL</b>	<b>Water Storage</b>	<b>21,115</b>	
Clarksville, VA	Water Use	0.3 mgd avg	Grandfathered
Burlington Industries	Water Use	2.2 mgd avg	Grandfathered



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# Potential Future Water Supply Storage Reallocations

- known interest in future water supply storage
  - Raleigh/Durham/Cary/Granville County
  - Roanoke River Service Authority (South Hill)
- Wilmington District plans to delay consideration of these or other new requests until the Bi-State Commission has an opportunity to work with NC and VA to develop a framework for addressing water allocation issues.



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# Questions?

