



# Greene County, Virginia

## White Run Reservoir Project

November 14, 2017

### Greene County Board of Supervisors

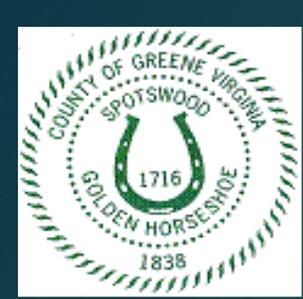
Michelle Flynn, Chairman (Ruckersville)

Dale Herring, Vice Chair (At large)

David Cox (Monroe)

Jim Frydl (Midway)

Bill Martin (Stanardsville)



# Reservoir Project - Facts

- ▶ Greene began the exploration and planning for a dependable long term surface water supply in 2000 and conducted a ***Regional Water Supply Study***, completed in 2003.
- ▶ In 2005, after the Commonwealth of Virginia experienced a severe drought and placed many communities into emergency, mandatory water usage restrictions.
- ▶ All communities were then required by the Commonwealth to develop a ***50 Year Water Supply Plan***.
- ▶ In 2011, the County conducted and completed a ***Regional Water Supply Plan***.
- ▶ As a result of the successful completion of the plan, the County was able to gain approval from the US Army Corp of Engineers for the White Run site through the Joint Permit application process.

# Reservoir Project - Facts

- ▶ In 2012, the process then moved on to site studies and preliminary engineering. This involved completing environmental, historical, downstream and infrastructure impact studies, along with property acquisition and the construction cost estimate.
- ▶ Since 2012, flow data from RSA indicates that demand is frequently exceeding the peak daily limits, running well above the .9 MGD permitted.
- ▶ If this trend continues, in a dry weather year, the river will not have enough water to supply the current peak day demand.
- ▶ The County will need to continue monitoring water demand and trends and update the projections assumed in the Water Supply Plan accordingly.
- ▶ Projected demand is a dynamic statistic that includes not only anticipated residential growth, but also the business and industrial growth trends as well.

# Reservoir Project - Facts

- ▶ Total project cost is estimated to cost between \$45 and \$65 million.
- ▶ Property negotiations and acquisition are essentially complete, at a total cost of \$2.4 million.
- ▶ The project will be scaled to fit the County's growing water demands over time, utilizing value engineering to control costs.
- ▶ The next phase of the project will involve streambank and wetland mitigation, required to offset the impacts of the project, at an estimated cost of \$10 million.
- ▶ Facility fees will be assessed according to the number of EDU's assigned to each property, including apartment complexes.

# Reservoir Project - Facts

- ▶ Facility fees will increase in order to shift the burden from tax dollars to the users of the system.
- ▶ Increase the monthly facility fee will be considered in FY 2019 to generate funds to retire existing water and sewer annual debt service.
- ▶ \$1.4 million in tax dollars is currently utilized for debt service payments for the water and sewer system.
- ▶ The Board has no plan to increase real estate taxes as a means to pay for the reservoir project.

# Reservoir Project - Facts

- ▶ No private well or septic systems will be metered or charged for public water and sewer service.
- ▶ Obtaining an official bond rating, while it may be deemed necessary in the future, is not an immediate priority for the Board.
- ▶ Many low interest, low cost options are readily available for use by localities to obtain financing.

# Reservoir Project - Contacts

- ▶ Questions/Comments
- ▶ For More Information, contact the County Administrator's Office at (434) 985-5201, or log on to [www.greenecountyva.gov](http://www.greenecountyva.gov)