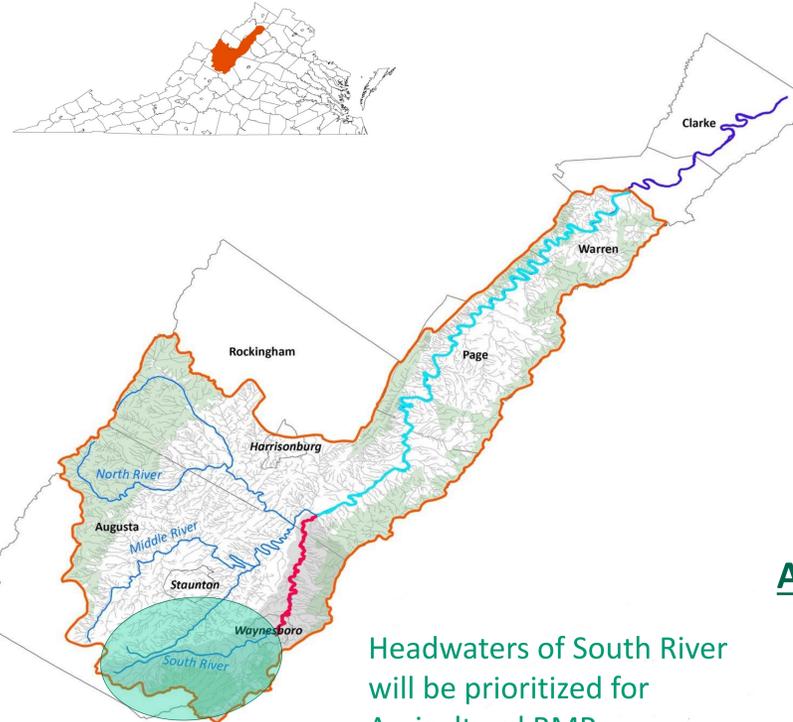
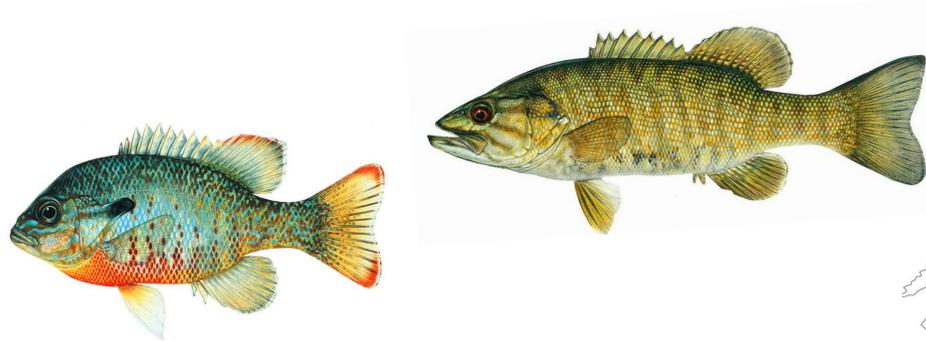


# PROJECTS TO IMPROVE WATER QUALITY AND FISH HABITAT

## RESOURCES:

Several species of fish in the South River and South Fork Shenandoah River had tissue mercury levels associated with negative effects.



Headwaters of South River will be prioritized for Agricultural BMPs

## EXPECTED BENEFITS:

- Improve water quality
- Reduce erosion and runoff
- Enhance habitat for fish and aquatic life
- Enhance habitat for terrestrial birds and mammals
- Greater recreational use

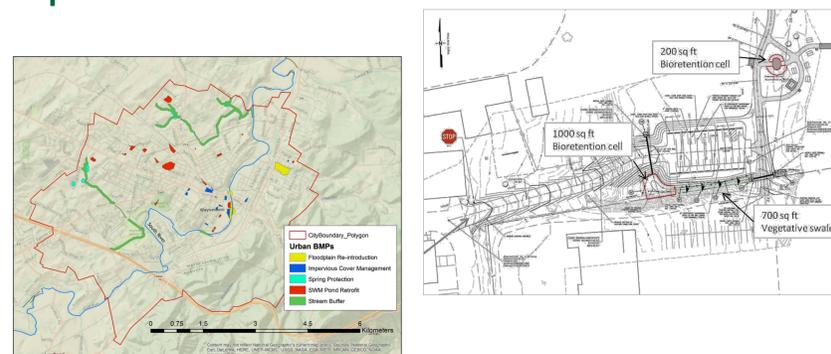
## AGRICULTURAL BMP PROJECT EXAMPLES:



## PROPOSED PROJECTS:

- Agricultural Best Management Practices (BMPs) to protect at least 35-ft riparian areas
  - Fencing along streambanks
  - Installation of alternate watering sources
  - Planting native riparian vegetation
  - Streambank stabilization
- Urban BMPs
  - Stormwater pond restoration
  - Bioswales and vegetative filter strips
  - Constructed wetlands

## URBAN BMP PROJECT EXAMPLES:



**How?**  
Partner with existing state programs to prioritize and identify projects.  
  
See website for updates on how to submit projects for this category.

