

The Center
for
Coldwaters Restoration

South River, Waynesboro, Va.



Virginia's Largest Spring-fed River

Center for Coldwaters Restoration

- 3 million gal. spring water
- 500,000 sq. ft. under roof
- 40+ acres on South River
- On greenway
- Downtown location
- Easy access to Interstates
- Motivated land owner



Center for Coldwaters Restoration

Mission: Foster recovery of spring creeks, mountain streams, the rivers they feed, and the ecosystems they support.

- Research and education
- Implementation of best practices in the propagation of native species and recovery of riparian habitat
- Campaigns to foster public appreciation for the significance of cold pure water to our health.

Center for Coldwaters Restoration

- Brook trout hatchery
- Regional offices for DGIF, DCR, DEQ
- University research labs
- Higher education facility

Benefits

- \$1 - \$2 million renovations
- 100 new jobs (5-7 years)
- Anchor for downtown revival



Brook Trout Hatchery?

Brook Trout Culture Facility

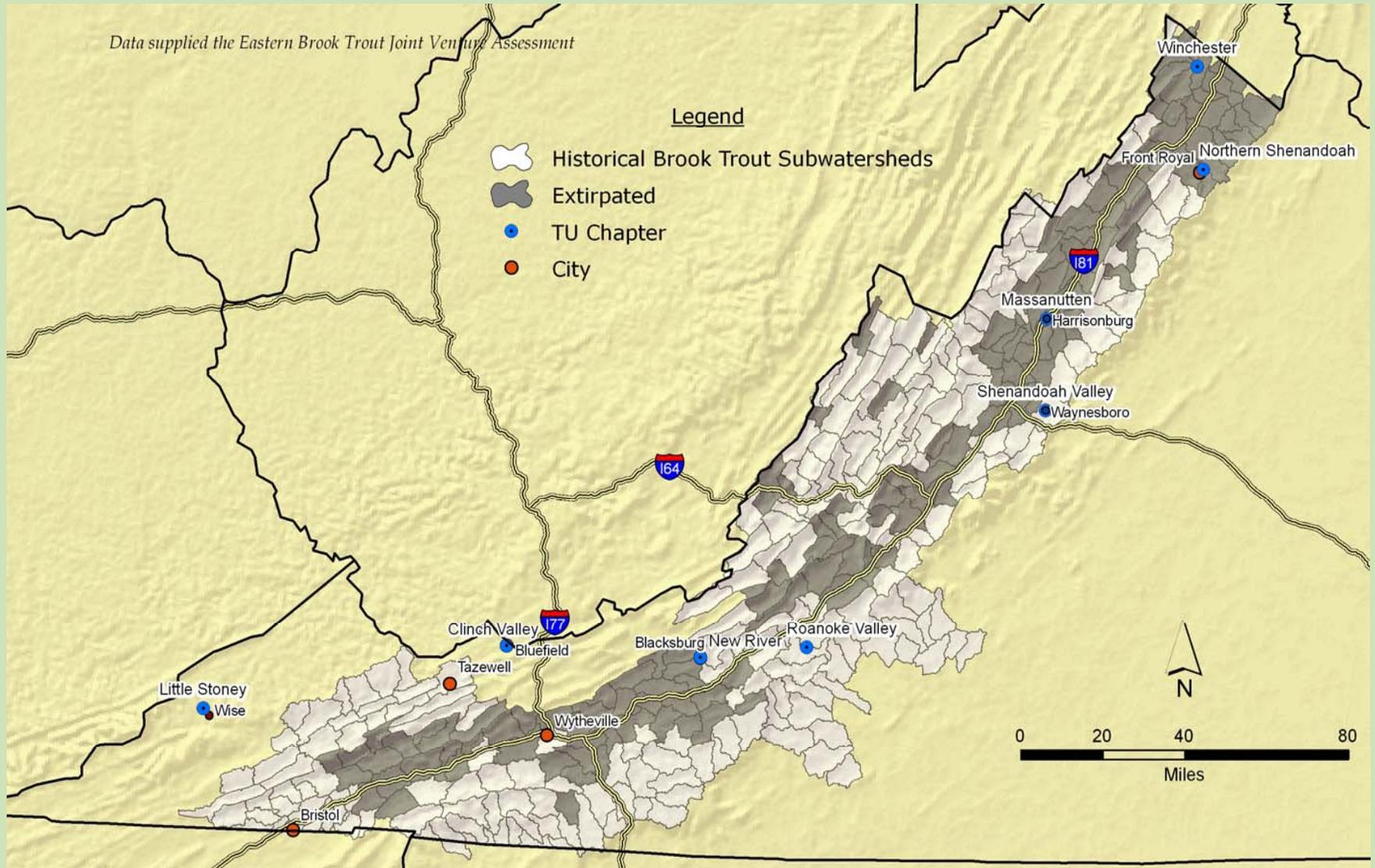
- Produce fingerlings for restoration in diverse habitats
- Retain native “wildness”
- Limit genetic drift
- Create self-sustaining populations

Why Not Trap and Transfer?

Not Enough Fish

Not in Our Lifetimes

Where Brook Trout Were



How?

- Adapt state of the art technology
- Freshwater Institute
- Conservation Fisheries
- Virginia Tech
- USFWS
- VDGIF
- You

Center for Coldwaters Restoration

- Brook Trout Culture Facility
- Effects of Climate Change on Coldwater Species
- Assess Effectiveness of Pollution Mitigation
 - Mercury in South River
 - Agricultural run-off
 - Wastewater treatment
- Living Stream Labs for University Research

Center for Coldwaters Restoration

One of Three Components

Upper South River (Shenandoah)
Watershed Improvement
Project

Upper South River (Shenandoah) Watershed Improvement Project

Destination Trout Fishery

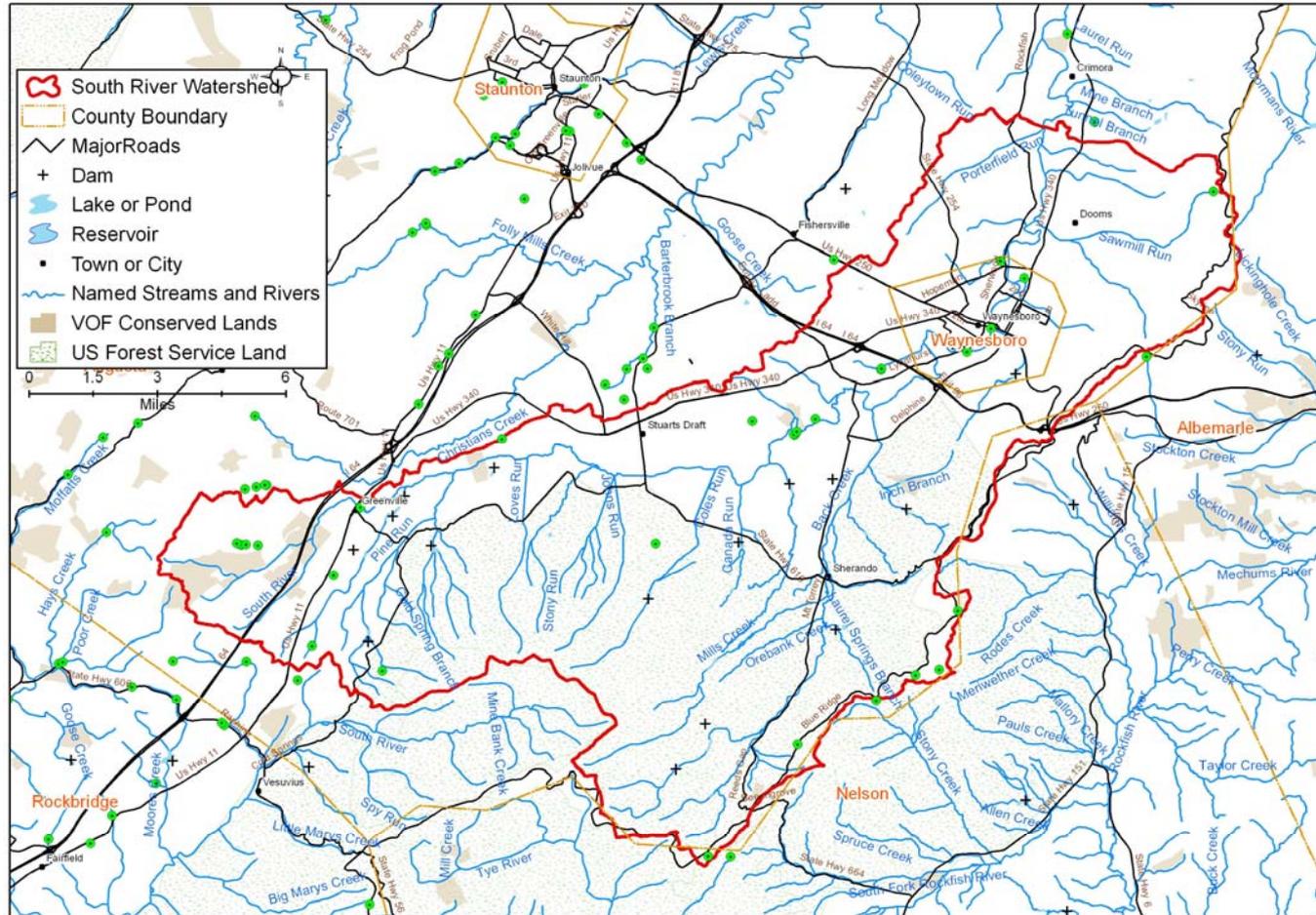
Restoration of Tributaries

Destination Trout Fishery



Restoration of Tributaries

South River Watershed, Waynesboro, Virginia



Map produced by Nat Gillespie, Trout Unlimited National Office, Arlington, Virginia for Virginia Council of Trout Unlimited, August 18, 2008.

Restoration of Tributaries



More than 35 miles of tribs need restoration

Capitalize on Natural Resources
for
Sustainable Economic Revitalization