

# Trout Stocking at TVA Projects in Tennessee



Frank Fiss

Assistant Chief of Fisheries

Tennessee Wildlife Resources Agency





WHY TROUT ?

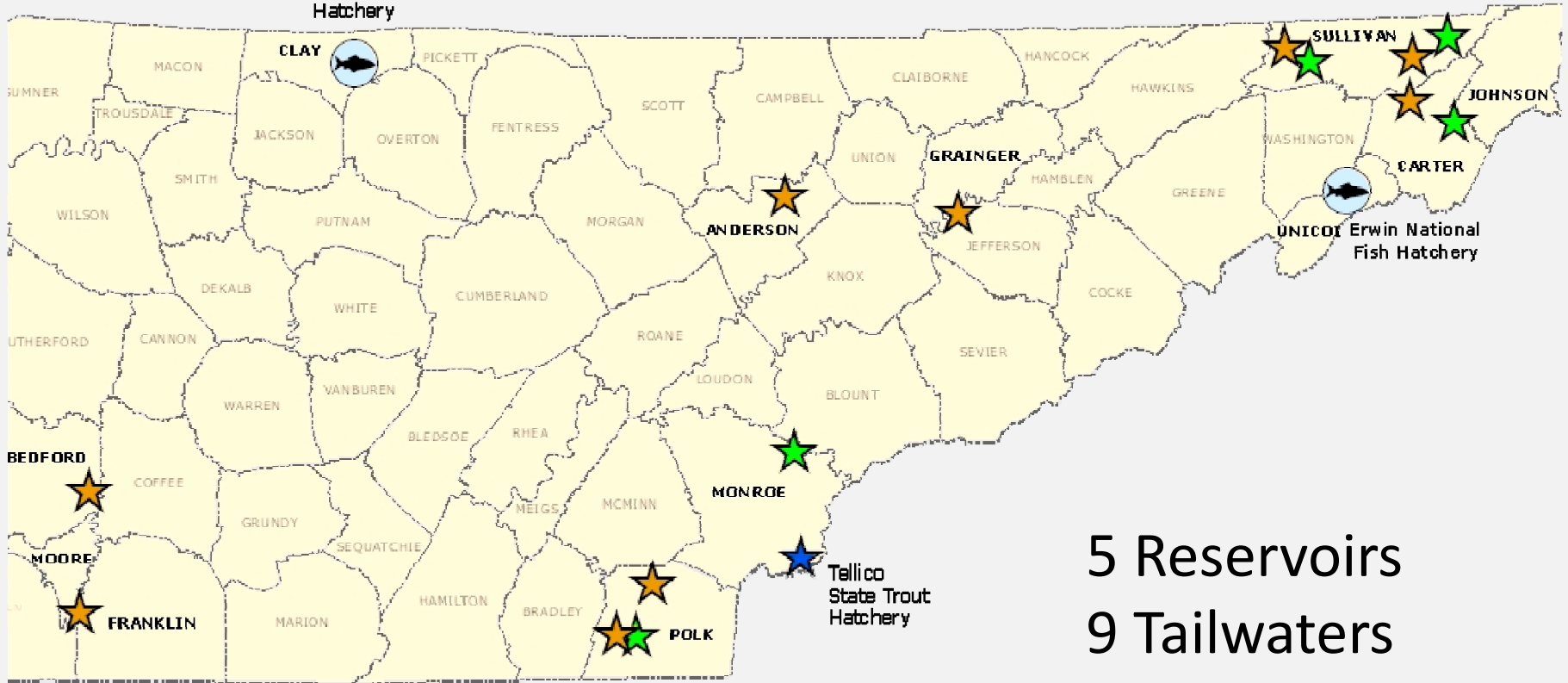


# Dale Hollow National Fish Hatchery

## Stocked Trout Sites

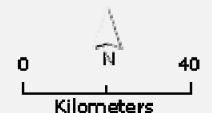
### TVA Waters

Dale Hollow  
National Fish  
Hatchery



5 Reservoirs  
9 Tailwaters

-  National Hatchery
-  Trout Reservoir
-  State Hatchery
-  Trout Tailwater



# TVA Tailwater Fisheries 2013 Stocking Schedule

<b>Species</b>	<b>Number</b>
Rainbow Trout (9-inch)	313,000
Rainbow Trout (2-3 inch)	268,000
Brown Trout	145,000
Brook Trout	48,000
TOTAL	774,000























# Reservoirs



Species	Number
Rainbow Trout	128,000
Brown Trout	72,000
Lake Trout	188,000
<b>TOTAL</b>	<b>388,000</b>







## Dale Hollow National Fish Hatchery

Established in 1965 to produce trout for federal water development projects in the Southeast.



# Dale Hollow National Fish Hatchery



TWRA funded a 50% expansion in 1990

# Typical Production Year

USFWS provides 75-80 % of TVA Trout

TWRA provides about 20-25% of TVA Trout  
(\$140,000/year)

Plus, TWRA provides funding to USFWS for  
100,000 pounds of trout. Some of these fish  
also go to TVA waters.

# **TVA Improves Habitat and Access**

A scenic view of a reservoir with a dam in the background, surrounded by dense green forest. The water is calm in the distance but turbulent in the foreground, showing white water rapids. The sky is overcast and grey.

**Reservoir Releases Improvements/Lake  
Improvement Plan (RRI/LIP)**





Keys to success

Stocking

Water Quality

Access

Research

Management



# Economic Value



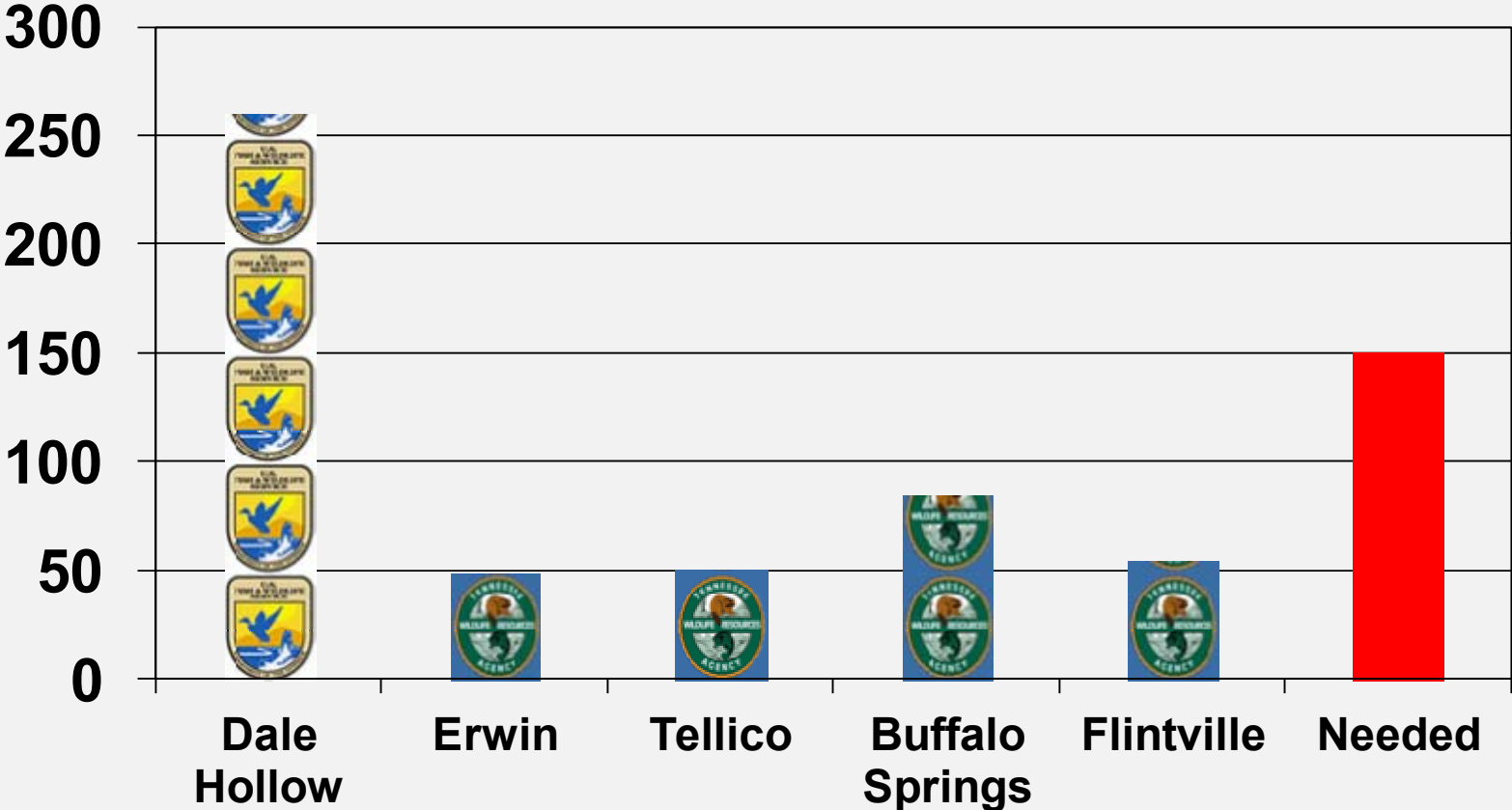
One dollar of trout production generates \$73 of economic output.

# TWRA Perspective

- Stocking federal water development projects is the responsibility of the federal government.
- Without a funded trout program for these projects, stocking at those waters will be reduced.

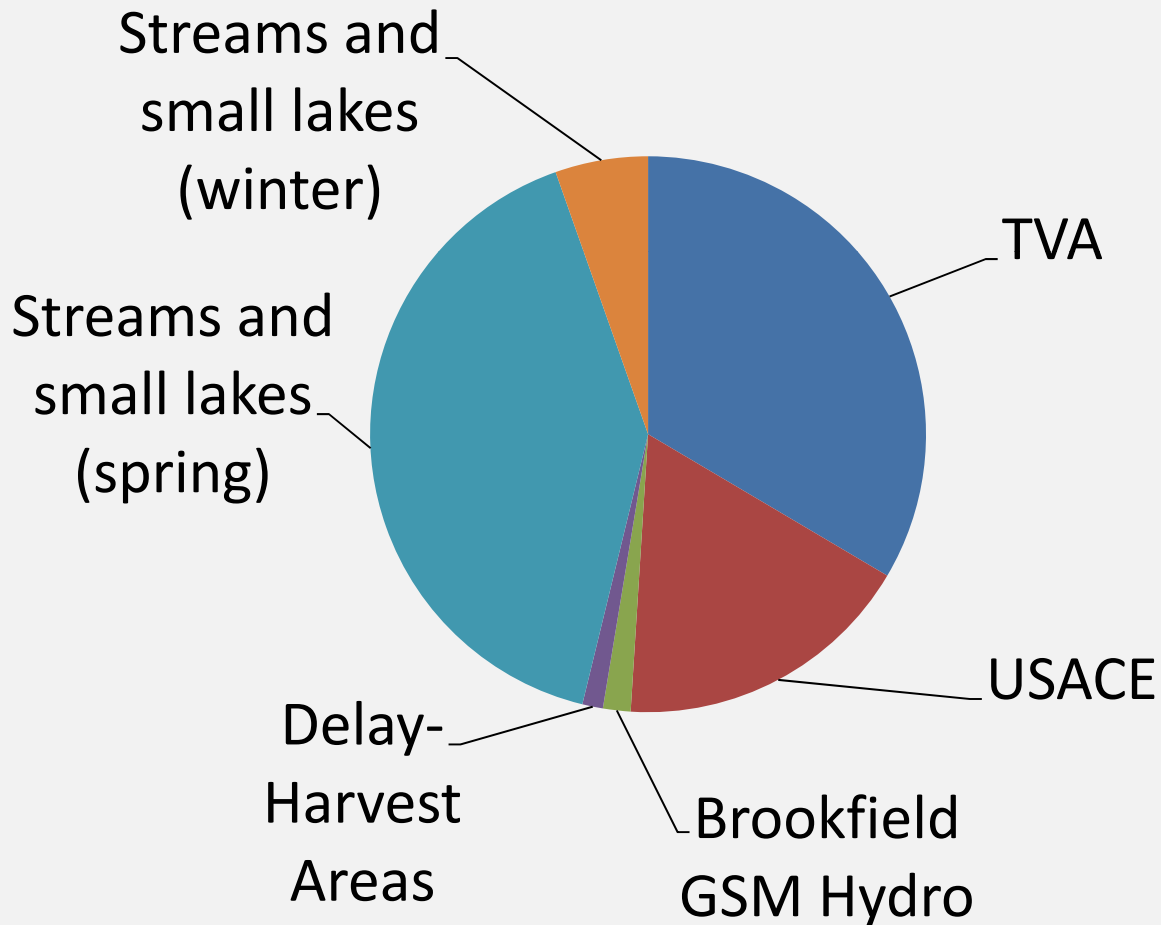


# Annual Trout Stocking Statewide (thousands of pounds)



# Trout stocked TN Waters

(550,000 pounds )





# TWRA response to lost production at Dale Hollow NFH

- Use increased capacity at TWRA hatcheries
- Prioritize a portion of TWRA-contracted trout at Dale Hollow NFH:
  - Brown, brook, and lake trout
  - Fingerling rainbow trout
- Stock 45 % fewer 9-inch rainbow trout at TVA waters

# What does a 45% reduction mean?

- Reduced fishing success
- Unsatisfied anglers
- Reduced number of trips
- Reduced license sales for TWRA
- Reduced spending and tax revenue in the Tennessee Valley



SOLUTIONS ?





