



## U.S. Fish & Wildlife Service

### Fisheries Information System

#### Project:

#### Habitat Restoration for Southern Appalachian Brook Trout in Chattahoochee National Forest Streams

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2012

This project is in an removed state and is no longer available for editing.

### Title/Owner

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**Title:** A-024 - Habitat Restoration for Southern Appalachian Brook Trout in Chattahoochee National Forest Streams

**Owner:** Appalachian Fish And Wildlife Conservation Office

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CELINA, TN 38551  
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### 2012 Accomplishment summary

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*FY2012:*

*FY2011:*

### 2012 Outreach Narrative (Optional)

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[\*FY2012:\*](#)

[\*FY2011:\*](#)

[\*FY2010:\*](#)

[\*FY2009:\*](#)

[\*FY2008:\*](#)

### Project details

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**Keyword:** Habitat

#### **The *importance* to the Resource:**

Currently, there are 82 known brook trout streams in Georgia, with most located on the Chattahoochee National Forest. Restoring habitat within these watersheds is essential to strengthening brook trout populations. These enhanced populations would provide a source of brook trout for future stockings into other streams targeted for restoration.

#### **The *method*:**

Twenty-six habitat improvement structures will be installed in six Chattahoochee NF streams. In addition, a fish barriers will be constructed in Tate Branch to exclude invasive rainbow trout, thus improving habitat for Southern

Appalachian brook trout.

## Partners & friends groups

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- Soque River Watershed Association
- Trout Unlimited
- U. S. Forest Service

## Strategic plan objectives

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### Primary

Restore declining fish and other aquatic resource populations before they require listing under the Endangered Species Act.

### Secondary

- Expand the use of Fisheries Program expertise to avoid, minimize, or mitigate impacts of habitat alteration on fish and other aquatic species.

## Species / populations

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### Primary Species/Population Benefited:

- Brook trout ([Salvelinus fontinalis](#))

#### Population:

Brook Trout - Upper Tennessee River Basin [view]

### Secondary Species/Populations Benefited:

- Brook trout ([Salvelinus fontinalis](#))

#### Population(s):

Brook Trout - Upper Savannah River Basin [view]

### Nuisance Species Managed:

- Rainbow trout (outside native range) ([Oncorhynchus mykiss](#))

## Congressional districts benefited

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### Affected project congressional districts:

GA09

GA10

### Affected project states:

- Georgia

## Fish passage barriers to be removed

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No barriers have been specified for this project

## NFPP and NFHAP habitat projects

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### Habitat Project Type:

**Project Status:**

**Expected Completion Date:**

**Performance measures**

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**2012 performance measures**

This project has not yet specified any performance measures this fiscal year

**2008 performance measures**

- 5.1.10 Total number of in-stream/shoreline miles restored in U.S. 12.0
- P-5.3.1.7 Number of all tasks implemented, as prescribed in Fishery Management Plans (FWMA) 8.0
  - Number of instream miles restored 6.0
  - Number of instream/shoreline miles restored for populations of management concern 6.0

**Funding**

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Code	2008		2009		2010		2011		2012	
	M	IK	M	IK	M	IK	M	IK	M	IK
1334 - Habitat Assessment and Restoration		\$45500		\$0		\$0		\$0		\$0
Total Service:		\$45500		\$0		\$0		\$0		\$0
Partner	M	IK	M	IK	M	IK	M	IK	M	IK
Soque River Watershed Association	\$750	\$0	\$0	\$1000	\$0	\$0	\$0	\$0	\$0	\$0
Trout Unlimited	\$14085	\$0	\$0	\$10000	\$0	\$0	\$0	\$0	\$0	\$0
U. S. Forest Service	\$0	\$2000	\$0	\$5000	\$0	\$0	\$0	\$0	\$0	\$0
Total Partners:	\$14835	\$2000	\$0	\$16000	\$0	\$0	\$0	\$0	\$0	\$0
Total Overall:		\$46235		\$16000		\$0		\$0		\$0

**2012 Plan / task work**

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**Plan #1:** Southeast Aquatic Habitat Plan [view]

Type: Watershed

Plan #1 tasks addressed by this project:

**Active Tasks**

- **Number:** 1.0 [[log history](#)]  
**Type:** Habitat  
 Establish, improve and maintain riparian zones.
- **Number:** 2.0 [[log history](#)]  
**Type:** Habitat  
 Improve or maintain water quality.
- **Number:** 4.0 [[log history](#)]  
**Type:** Habitat  
 Improve or maintain appropriate hydrologic conditions for the support of biota in aquatic systems.
- **Number:** 5.0 [[log history](#)]  
**Type:** Habitat  
 Establish, improve or maintain appropriate sediment flows.
- **Number:** 6.0 [[log history](#)]  
**Type:** Habitat  
 Maintain and restore physical habitat in freshwater systems.

- **Number:** 7.0 [\[log history\]](#)

**Type:** Habitat

Restore or improve the ecological balance in habitats negatively affected by non-indigenous invasive or problem species.

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### **Plan #2:** Strategic Plan for Conservation of FWS Trust Resources in the Southern Appalachian Ecosystem [\[view\]](#)

Type: Service Ecosystem

*Plan #2 tasks addressed by this project:*

#### **Active Tasks**

- **Number:** 1.1.7 [\[log history\]](#)

**Type:** Assessment

In cooperation with the USFS, NPS, and other interested parties, assess current condition of and threats to high-elevation communities; assist in the development and implementation of protection, management, and monitoring strategies for high-priority sites

- **Number:** 4.1.2 [\[log history\]](#)

**Type:** Other

Participate in ecosystem planning efforts being conducted by other agencies and organizations.

- **Number:** 4.1.3 [\[log history\]](#)

**Type:** Other

Working with partners, identify and collect information needed to manage ecosystem resources.

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### **Plan #3:** Southeast Aquatic Resources Partnership Strategic Plan [\[view\]](#)

Type: Agreement / Policy

*Plan #3 tasks addressed by this project:*

#### **Active Tasks**

- **Number:** 2.1 [\[log history\]](#)

**Type:** Habitat

Improve and maintain water quality and quantity to meet state standards, also improve and maintain instream and riparian habitat.

- **Number:** 3.2 [\[log history\]](#)

**Type:** Other

Prevent fish and other aquatic species from being listed.

- **Number:** 5.1 [\[log history\]](#)

**Type:** Assessment

Identify priority areas for habitat restoration.

- **Number:** 6.3 [\[log history\]](#)

**Type:** AIS

Limit the spread of existing aquatic invasive species in the Southeast.

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### **Plan #4:** Georgia Brook Trout Management Plan [\[view\]](#)

Type: Fisheries Management Plan

*Plan #4 tasks addressed by this project:*

#### **Active Tasks**

- **Number:** 3.1 [\[log history\]](#)

**Type:** Habitat

Stream habitat improvement or maintenance projects should occur on a minimum of three to four brook trout streams per year.

## Pictures

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**Caption:**

Tate Branch Barrier

**Credit:**

Monty Seehorn, USFS, retired

**Description:**

Early construction phase of Tate Branch Barrier that will exclude rainbow trout from Southern Appalachian brook trout habitat.

## Documents

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No documents have been uploaded for this project

## FONS Funding History

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**FONS funding events are associated with this project:**

- In fiscal year 2008, operational need 2006-205 Habitat Restoration for Southern Appalachian Brook Trout in Chattahoochee National Forest Streams was **fully** funded at the president's budget (Greenbook) amount of **\$45,500** and the allocation to region amount of **\$0**.

At that time, this accomplishment project was created in the Accomplishment's module.