

## **Appendix A – Partners and their Roles in the Watershed.**

**Cohutta Springs Conference Center** offers a variety of amenities for the Alliance meetings.

**Conasauga River Watershed Adopt-A-Stream** assists with education and outreach efforts, participation of local citizens, and water quality monitoring programs.

**Conservation Fisheries, Inc.** and **Auburn University** assist with research, propagation and monitoring of rare fishes in the river.

**County Governments** and **School Systems from Bradley, Polk, Murray and Whitfield** have remained supporters of efforts to improve the watershed through environmental education and clean up projects.

**Dalton State College** assists with outreach efforts and water quality monitoring programs.

**Dalton Whitfield Solid Waste Management Authority** supplied funds for the annual river cleanup, provides educational outreach and accepts trash collected from the river.

**Dalton Utilities** assists with river cleanup and water quality monitoring (i.e., analyzing water quality samples) and funding.

**Dow Agro Sciences** is assisting with research and monitoring of control of exotic weeds in riparian areas.

**Georgia Department of Natural Resources** provides expertise on rare aquatic and other wildlife species, assists in monitoring information, and assists with river access and educational programs.

**Georgia Department of Transportation** assists with road and roadside management and related educational efforts.

**Georgia Forestry Commission** and **Tennessee Division of Forestry** assist with implementation of forestry BMP projects and education and outreach efforts related to forestry matters.

**Global Filler Products** provided a septic system for an adjacent landowner improving water quality in the watershed.

**J. M. Huber Corporation, Shaw Industries,** and other companies provide volunteer and financial support.

**Keep Dalton/Whitfield Beautiful** assists with river cleanups and outreach efforts related to solid waste and littering.

**Limestone Valley RC&D** sponsors the alliance, secures funding for alliance projects, and assists with implementation of alliance projects.

**Natural Resources Conservation Service, the Farm Service Agency and Soil and Water**

**Conservation Districts** provide technical expertise and additional funding mechanisms for conservation efforts.

**Northwest Georgia Mountains Youth Science and Technology Center** assists with workshops and field days for teachers and other educators in the watershed.

**Northwest Georgia Regional Development Center** assists with workshops and field days and BMP projects related to residential and industrial development.

**Southeast Tennessee RC&D** assists with adult education, outreach, workshops, grants, technical expertise, and funds for conservation efforts.

**Southeast Watershed Forum** provided training for watershed project leaders on facilitation, organization and leadership.

**Team Cohutta** is a group of 150+ volunteers recruited with the assistance of the R.E.I. company store in Atlanta that performs maintenance of 88 miles of wilderness trail each year in the headwaters of the Conasauga River.

**Tennessee Aquarium's Southeast Aquatic Research Institute** plays a lead role in fish and mussel surveys, mussel recovery efforts, and various educational efforts.

**Tennessee Department of Environment and Conservation and Tennessee Department of Agriculture** assist with information and monitoring of water quality and BMP's.

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**Tennessee Valley Authority** has provided staff support with aquatic expertise to assist with conservation education efforts.

**Tennessee Wildlife Resources Agency** has funded Alliance needs for project work and staff salary.

**The Nature Conservancy** provides funding, staffing, and technical assistance related to research, on-the-ground conservation, education and outreach.

**U.S. Army Corps of Engineers** provides regulatory information and review permits as needed for BMP implementation.

**U. S. EPA** assists with toxics research on mussels and grants fund with the Georgia Environmental Protection Division through Section 319 of the clean water Act.

**US Fish and Wildlife Service** provides expertise and leadership on rare aquatic species, assists in monitoring and funds research and conservation efforts.

**USDA Forest Service - Chattahoochee NF and Cherokee NF** assist the alliance with research, restoration, and education efforts on both public and private lands, with an emphasis on aquatic species, forest health, ecosystem restoration, recreation, road and trail issues.

**US Geological Survey** scientists serve on the Alliance science committee and contribute expertise on mussel biology.

University scientists assist the Alliance with research and monitoring efforts, conservation education, and social science: **University of Tennessee, University of Georgia, Dalton State College and University, University of Tennessee – Chattanooga, Auburn University, North Carolina State University, University of Alabama, St. Louis University, Austin Peay University, Portland State University, University of Florida.**

**University of Georgia and University of Tennessee Agriculture Extension Services** have provide a host of education materials on BMPs, 4H labor, and volunteer work, and outreach to key audiences in the environmental community.

## Appendix B

### National Forest Accomplishments

<i>Improvements</i>	<i>FY 1997</i>	<i>FY 1998</i>	<i>FY 1999</i>	<i>FY 2000</i>	<i>FY 2001</i>	<i>FY 2002</i>
Total Potential Mussel Habitat Inventory of Watershed	x	x	x	x	X	x
Conservation Workshops for Teachers, Citizens, Agencies	1	2	2	6	7	4
Riparian Campsites Rehabilitated				10	4	4
Miles of Forest Road Reconstructed - Sediment Disconnected - Implemented or Contracted			5	6	5	9
Number of Forest Roads or Trails Decommissioned	3	4	1	0	0	0
Horse Trail Excluded from Miles of T&E Habitat			1			
Visitors Provided Interpreted Snorkel View of T&E's	100	200	300	500	400	200
Acres of Exotic Plants (Kudzu) Controlled				5	2	
Rare Species Monitoring and Habitat Research	x	x	x	x	x	x
Water Quality Sampling National Forest and Private Sites		x	x	x	x	x
Establish Air Quality Monitoring Station				X		
National Forest River Miles Inventoried – USFS protocols (CATT)				10		23
Miles Illegal ATV Trail Closed					15	0
Number of NF streams removed from 303d list of impaired waters – TMDL development not required.						6
Limits of Acceptable Change Process Completed for Cohutta Wilderness - Acres						37,000
Wilderness Camp Sites Inventoried					200	200
Wilderness Rangers - Seasonal Positions						2
Number of 6 th Level HUC Analyses Completed						6
Miles of Forest Trail Maintenance, Sediment Control						10
NEPA for Pine/Oak Community Restoration – Acres						20
NEPA for Prescribed Burning – Acres						1,600

## Appendix C - Partner Contributions to Watershed Projects

Conasauga River Alliance Watershed Project -						Partner Contributions	
Partner and	Source	FY2000	FY2001	FY2002	'02 Activity		Measurables
TNC	TVRA	12,000	12,000	12,000	Staff support, Bank Restoration, Buffer planting		50 acres
TNC/USFWS			15,000	12,000	Buffer Establish/restoration		25 acres field restxn
					Tree planting		30 acres
TNC/USFWS		30,000	4,000	4,000	"Partners \$" Used as leverage with 319 projects.		
TNC			25,000	25,000	Mussel Propagation		5-6000 Mussels/snails
TNC		50,000	127,000	110,000	Staff support, overhead		
TNC	Freshwater Initiative		10,000		Funding partner for Alliance interactive website conasaugariver.net		
TNC			1,000	1,000	Water quality monitoring		
Dalton Uti			4,000	4,000	Laboratory Analyses		
Dalton Utilities		3,000	3,000	2,000	"River Clean-Up" Expenses		
USGS		8,000	500	500	Ahstedt, Mussel monitoring		
EPA/EPD		5,000	5,000		Staff support for NF's Conasauga Board		
EPA/EPD	EPA		13,500	30,000	Section 319 projects, 350K over 5 years		
TNARI	USFWS	20,000	30,000	25,000	Propagation Research & Recovery		Propagation facility completed
TNARI		25,000	25,000	25,000	Mussel Propagation		5-6,000 listed mussels prop.
TNARI	USFWS		50,000	0	Inventory of Etowah & Coosawattee Basins		45 sites examined - 85 checked
TNARI	USFWS	9,971	8,000	0	Gastropod Propagation		4,000 imperiled snails prop.
TNARI	TNARI	28,765	28,765	28,765	Propagation Research & Recovery		M&O costs for hatchery ops.
TNARI	USFS	1,500	3,500	1,500	Toxicology Study		Completed 2 sampling rounds
TNARI	TNC	7,500		0	Toxicology Study		
U of Georgia	USFWS	10,000	12,300	10,000	Dr. Freeman. GIS buffer mapping, various support grants		
U of Georgia	USFWS		21,000	20,000	Dr. Freeman, water quality monitoring - various support grants		
U. of Alabama	NFS, USFWS		35,000	35,000	Genetics, rare species	5 year commitment. (	
U. of Alabama		2,000	2,000	2,000	Staff support		
U. of Tennessee, Knoxville				2,000	Staff support for GIS analyses of land use history		
U. of Florida				2,000	Dr. Burkhead, blue shiner monitoring		
Dalton College		2,000	2,000	2,000	River Clean Up Days, Dr. Luthgart		
Dalton College		2,000	2,000	2,000	Bug Monitoring, sampling, Dr. Luthgart		
U. of Tennessee, Chatt.	TNC		5,000	2,500	Guthrie-Nchds, sediment toxicity testing		
Auburn University.	USFS	2,000	2,000	2,000	Card Johnston, monitoring rare fishes		
Auburn University.		4,000	4,000	4,000	Staff support		
CFI	Various	3,500	3,500	35,000	Monitoring and propogating rare fishes		
Keep Dalton Beautiful			2,000	1,500	Whitfield County Government, Bledsoe.		150 acres cleaned,
4Hkids		1,000	1,000	1,000	Volunteer Clean ups, Field Day Assistance		
Grand Valley State Univ, Mch		2,500	2,300	3,000	College Volunteers		Tree planting, NF trail mtce
							Schod trail, kudzu control

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Ga DNR	Heritage		400	1,000	Crayfish Study, also Ga Forestwatch				
	Heritage	1,000	1,000	1,000	Staff support				
	Lands		150,000		Land Acquisition.				
	Fisheries	6,000	6,000	6,000	Fish pop monitoring, sampling, coordination				
Ga Forestry Comm		2,000	4,000		Field Days, Staff Support				
Tennessee Dep. Forestry		2,000	1,000		Field Days, Staff Support				
Tennessee Wildlife Resources		20,000	20,000	12,000	Non game grants, staff support				
Volunteers		7,500	7,500	7,500	Volunteer Clean ups, Field Day Assistance				
REI, Trail Volunteers		44,000	45,000	45,000	Value of the Cohutta Ranger Districts labor from "Team Cohutta"				
NRCS	EQIP	162,000	300,000	469,000	Georgia EQIP data, Ga ops \$8,500 in '02				
Farm Serv	CRP	3,500	13,600	7,500	Georgia county data, multiplied by 2 for total to include Tennessee				
	Operations	7,500	8,500	26,593	Staff support for NF's Conasauga Board				
Farm Service Agency		5,000	5,000	5,000	Staff support, admin of CRP program payments				
Limestone Valley RCD		15,000	15,000	15,000	Sxn 319 grant operations, Staff support				
Southeast Tn RCD		5,000	5,000	5,000	Staff Support				
USFS	Chiefs Funding	480,000	480,000		Community Based Project Funds distributed through project coordinator				
	from WO to project				Restoration, Research/Monitoring, Conservation Ed.				
	Cherokee NF earmark			240,000	Large volunteer contribution by 100+ members of "Team Cohutta" makes				
	Chattahoochee NF earmark			240,000	annual effort of trail maintenance on 75 miles of trails in the watershed -				
					estimated value of \$75,000 and is not reported here.				
Lyndhurst Foundation				8,000	Funding partner for Alliance interactive website conasaugariver.net				
Pacific Rivers Council		2,500			Project contribution and staff support				
Southern Appalachian Forest Co		2,500			Project contribution and staff support				
Georgia Forest Watch		2,000			Project contribution and staff support				
Southern Timber Council		1,000			Project contribution and staff support				
National Fish and Wildlife Found		22,000			Project contribution				
Whitfield County, Ga		4,000	3,000		Field Days, Staff support				
Murray County, Ga		3,000	3,000		Field Days, Staff support				
Polk County, Tn EMA		1,000			Field Days Support				
Polk County Schools				1,000	Tennessee Teacher's Workshop				
Austin P University				300	Tennessee Teacher's Workshop				
Tennessee Valley Authority				300	Tennessee Teacher's Workshop				
Georgia Environmental Facilities Authority				5,000	Environmental Education Facility Murray County Schools				
Cohutta Land Company			200		Field Days, Staff support				
Coosa Soil Services			200		Field Days				
Dow Agro Sciences		4,000	200		Field Days Kudzu control treatments				
Dow Agro Sciences			500		Field Days				
Indian Trace Golf Course			300		Field Days				
Ga Power			250		Field Days				
School Teachers Contributions			2020		Field Days, Staff support				
Mayfield Dairies			300		Field Days, supplies				
Totals		1,032,236	1,531,335	1,499,958					
TNARI	Tennessee Aquatic Research Institute				EPA	US Environmental Protection Agency			
TNC	The Nature Conservancy				USGS	US Geological Service			
CFI	Conservation Fisheries Inc.								
REI	Recreational Equipment Inc.								
USFS	USDA Forest Service								
NRCS	USDA Natural Resources Conservation Service								
RCD	Resource Conservation Development Council								

**Appendix D -  
Addendum for the US Forest Service Conasauga River Project**

Project Coordinator, Kent Evans. Board Members: Anne Zimmermann, Steve Rickerson, Alice Carlton, Andy Colanino, Gary Pierson, Don Kinerson, Debra Whitman, EPA – Steve Blackburn and Susan Rezai, RCD – Doug Cabe

**Accomplishments in the National Forests**

**Research and Monitoring**

Center for Aquatic Technology Transfer survey in partnership with Americorp -

Main stem 14.7 miles, Sheed's Creek 5.85 miles, Sheeds Cr. Middle Fork 0.83 miles

6<sup>th</sup> level HUC analyses by hydrologist. Summary with GIS layers, data table and Power Point.

Coweeta Lab ongoing Research -

Ecosystem Response to Fire, Modeling Sediment Yield off NF Roads and Trails

District provided labor support to sediment study

**Roads and Trails**

*Georgia*

Replacement of Jacks River Bridge

5 Miles of reconstruction on FS Road 64. Design and NEPA for relocation of .5 mile of Alaculsy Valley Road

120 miles of routine trail maintenance includes – (88 miles of Wilderness Trails)

*Tennessee*

Built a hiker/horse trail bridge at the Watchable Wildlife Site

Contract maintenance of 5 miles of Wolf Ridge trail- Big Frog Wilderness

Paved 5 miles of gravel road at selected hot spots along FS 221

**Soil and Water**

*Georgia*

Maintenance and patrol of 19 miles previously blocked ATV trail.

*Tennessee*

Maintenance of 9 dispersed campsites along river bank

**Wildlife**

*Georgia*

19 acres of restoration of wildlife food plots: mowing and reseeding

*Tennessee*

Surveyed 2.5 miles of stream in the Sheeds Creek drainage

Day lighted and seeded roads to create 9 acres of linear food plots

Provided equipment and interpretation to 4 conservation education events at the snorkeling hole

## **Wilderness**

### *Georgia*

Seasonal rangers hired and put into patrol and compliance in wilderness.

Inventory of the 400 dispersed campsites completed

Concluded the LAC process and management recommendations.

## **2002 - USFS Project Coordinator's : Workshops – Training Hosted– Presentations**

Hosted the Annual meeting of the USFS National Large Scale Watershed Projects

Hosted National Forest Conasauga River Project Board Meetings

Participated in Conasauga River Alliance Meetings and with its Steering Committees

Presentation and Participation at the Coosa River Basin Science Summit

Presentations to the USFS R8 - Regional Soil, Water, Air, Wildlife Group

Hosted University of Tennessee Wildlife Class tour and made presentation

Coordinated Cost Share Projects with UT Geography Dept. Report on Land Use History,

Assisted with projects with UT-Chattanooga sediment research, Conservation Fisheries Inc., and Limestone Valley RC&D.

Hosted Kennesaw State University Ecology Class for tour and presentation

Presentations to Wildlife and Forestry Classes and Wildlife Club at ABAC College

Organized a meeting with the Murray County Commissioner and his Planning staff

regarding smart growth and arranged presentation by EPA - “Ecological Framework “

Presentation to the Tennessee Overhill Board Meeting – on Eco Tourism

Helped host Partner Training for 2 Conasauga River Alliance Steering Committee at Knoxville

Arranged/organized meeting with large landowners for Forest Legacy presentation with USFS lands specialist.

Hosted Interdisciplinary Review by Cherokee NF Forest Leadership Team of the USFS efforts in the Conasauga River watershed.

Participated in Tennessee Watershed Round Table in Nashville

Presentation to Northwest Georgia Water Resources Partnership, facilitated workshop planning effort for their partnership.

Presentation to the Department of Defence – EPA Environmental Stewardship Regional Conference

Organized and Hosted Teacher Workshop in Polk County for Tennessee Teachers

Organized and Hosted Regional Forester's Field Day

Presentation to key staff on National Forests in Alabama and Environmental Groups

Prepared Annual Report for the Conasauga River Alliance.

Facilitated the preparation and start up of web site for the Conasauga River Alliance

[www.conasaugariver.net](http://www.conasaugariver.net)