

**AK - 2001**

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Success Story #1

Forest Stewardship plans were completed by one Alaska Native Corporation in FY01, Tyonek Native Corporation. The total land covered was 100,003 acres of which 30,022 acres are forested. As reported by the corporation staff, shareholders served are 324 and all are of Alaska Native ethnicity. The forest types covered are mixed spruce and hardwood in the transitional coastal-boreal zone of southcentral Alaska. Wildlife and fisheries habitat were important elements of each plan. Cultural sites are also important planning elements. Total Forest Stewardship plans completed by Alaska Native corporations since 1990 number 15 and cover 3,081,386 forested acres. In FY01, 6 new Alaska Native corporations were assisted with grants to begin Stewardship Planning. These are included as referrals to private consultants. Total area under these projects is 793,018 acres, and amount granted was \$131,282.

Success Story #2

For private lands other than Alaska Native Corporations, 40 Forest Stewardship plans were prepared and signed by landowners in FY01 covering 2,590 forested acres. One plan of 103 acres was a revision of an earlier plan. Ownerships were located in the Tanana Valley, Matanuska-Susitna Borough, and Kenai Peninsula Borough. By visual survey of these ownerships, Forest Stewardship participants of joint ownership (families) numbered 23, female ownerships numbered 5, male ownerships numbered 8, and corporate ownerships numbered 4. Landowners with Hispanic ethnicity numbered 1. All other individuals (35) were of Caucasian ethnicity. No landowners displayed disability.

Success Story #3

Spruce beetle aftermath continues to be a major forest issue for private forestland in Alaska. The Forest Stewardship Program has continued to provide technical assistance to the Kenai Peninsula Borough Spruce Bark Beetle Task Force for forestry operations on NIPF lands. In 2001 the Forest Stewardship Program provided planning assistance for spruce bark beetle impacts for 20 newly participating landowners covering 550 acres. With cost-share funding provided by the Kenai Peninsula Borough, Forest Stewardship Program personnel supervised planting of 90,465 seedlings on 319 acres of NIPF land. Payment of \$59,475 was made to a local contractor, and landowners contributed \$24,745 to reforestation. Written plans for timber harvest and reforestation and cost-share assistance will continue to be needed in this region.

Success Story #4

Forest Stewardship Program personnel developed and submitted project proposals for implementing components of the National Fire Plan. Contacts were made with local fire departments in Fairbanks and Mat-Su for fuels reduction in hazard zones adjacent to homes and buildings. Recruitment procedures were begun to add professional forester staff to help implement the National Fire Plan in the Fairbanks North Star Borough.

Success Story #5

An important issue in Alaska is achieving economically efficient reforestation on boreal sites. This is particularly needed for beetle and wildfire killed spruce forests. In FY01, 609,255 seedlings were procured for Alaska reforestation from out-of-state nurseries, mostly in British Columbia. Seedlings were planted on State lands (191,000), Native Corporation lands (325,390), and other private lands (92,865). In addition to tree planting, a total 1,577 acres received scarification, mostly as part of the planting operation. Maintaining genetic diversity in regeneration operations is important, and making genetic improvement is desirable when practical. In FY01, Regeneration, Nurseries, and Genetic Resources funding has enabled progress in these areas. Maintenance of the State tree seed

bank was supported, and tree seed was supplied to organizations requesting seed for reforestation seedling production. Planning has proceeded with upgrading older seed collections and developing a quick test for seed quality. Importation of seed from a superior variety of Siberian larch (Raivola provenance) from Finland was achieved. This seed will be used to establish seed production areas. The Alaska Reforestation Council has been supported, and the Council's efforts included a workshop on reforestation practices and state requirements in Interior Alaska. The Council also worked on publishing workshop proceedings for carbon sequestration funding opportunities for Alaska. The Alaska Reforestation Council efforts contributed to improvement of reforestation through education and technology transfer.

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Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Success Story #1

**The Alaska Community Tree Steward Course was held in Fairbanks for the first time. The 30-hour course was held two evenings a week for five weeks in April and May. A series of speakers covered tree biology; soils and fertilization; selecting, planting and caring for trees and shrubs; pruning; problem diagnosis; landscape design, and other urban forestry topics. Thirteen people completed the course and agreed to donate 30 hours to community forestry projects in Fairbanks in the next year.**

Success Story #2

**Millennium Grove Projects: Program received \$6,000 from Millennium Green to plant two Millennium Groves in Alaska. In Fairbanks, staff and volunteers planted 28 trees in a very visible site along a busy road into Fairbanks from the airport and main highway. The City and Borough of Juneau Tree Committee sponsored a millennium grove project along the walkway between the state office building and the Governor's residence.**

Success Story #3

**Program sponsored three pruning classes in cooperation with Pacific Northwest Chapter of ISA. The classes, entitled Pruning Young Trees for Structure and Form: Principles and Practice, were led by Larry Costello. A total of 73 people attended a class, including 15 ISA-certified arborists.**

Success Story #4

**National Tree Trust Community Tree Planting Grant: Received 4,600 white spruce through grant from the NTT. Program will maintain 300. Gave 4,300 to other agencies and local governments. (2,000 to Matanuska-Susitna Borough, 1,500 to University of Alaska, and 800 to the Municipality of Anchorage.) Provided 242 seedlings, planted in 1999, to local agencies. (Palmer - Division of Forestry, and in Anchorage - Kincaid Park, Tyson Elementary School, and the Alaska Botanical Garden**

Success Story #5

**Anchorage Firewise Project: U&CF staff members served on the steering committee, planning committee and education committee of the project. Vegetative/fuels mapping was completed; risk analysis modeling project is underway to help prioritize mitigation funds.**

## 2001 Narrative Report

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Changed name of program from UCF to Alaska Community Forestry Program and developed new program logo. • New Publications: - Produced new brochure on Alaska Community Forestry Program and full-color poster, How to Plant a Tree and distributed statewide - How to Grow Spruce from Seed fact sheet - Major revision of Recommended Specifications for Planting Trees and Shrubs**

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What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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## AL - 2001

### Page 6

Success Story #1

**Alabama is one of the most progressive state forestry agency in the Southern Region in terms of partnerships. Through the use of forest stewardship funds the Alabama Forestry Commission has partnered with two associations to employ Claude Jenkins, a wildlife biologist. Mr Jenkins works with landowners statewide providing wildlife management advice and promoting the multiple use philosophy of TREASURE Forest. So far, Claude has assisted 263 landowners in 65 different counties, all owning more than 160,000 acres.**

Success Story #2

**The Alabama Forestry Commission (AFC) has also partnered with the Federation of Southern Cooperatives and others to conduct a forestry camp for high school students. The week-long camp is held at the training facility in Epes, Alabama in Sumter County. The camp is designed to educate students in forestry, land and natural resource management, and to expose them to possible career opportunities. They meet landowners, tour forest industry mills, learn skills such as map & compass reading, tree measurements, and more. The 2001 Forestry Camp was the 5th annual camp and was a great success. The AFC has also developed a landowner outreach program designed to reach minorities and the underserved. An Outreach Forester has been hired to work in each of the AFC's**

four regions coordinating the outreach program. This effort is designed to inform landowners who are not knowledgeable about all the resources available to them. The Alabama TREASURE Forest Association (ATFA) continues to conduct leadership training across the state. This effort has empowered landowners and caused them to take a more active role in spreading the message of good stewardship of the land. Of Alabama's 67 counties, there are currently 46 county chapters of the ATFA formed and 13 in the process of forming.

Success Story #3

Since the inception of the Forest Stewardship Program, Alabama has enrolled 2745 landowners and 648446 acres and recognized 1018 landowners and 542270 acres in its TREASURE Forest Program.

Success Story #4

Alabama has also used the TREASURE Forest program and additional attention focused on wildfire risk and forest health provided by the National Fire Plan to develop 187 plans containing multiple resource recommendations addressing forest health and forest stand improvement practices on 63,791 acres. Many of the 42000 acres of forest stand improvement activities accomplished during the year occurred in high fire risk areas of the State.

Success Story #5

The 18th Annual Alabama Landowner and TREASURE Forest Conference was held in Auburn on October 25th and 26th, 2001. Over 400 landowners from around the state gathered to learn about stewardship, fellowship, and to recognize landowners for practicing good stewardship of the land. The landowners receiving the 2001 Helene Mosley Awards were filmed on their property and the video shown at the awards banquet prior to the landowners being recognized.

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Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

In 2001, the Alabama Forestry Commission in concert with the Alabama Forest Resources Center and the Alabama Department of Conservation & Natural Resources agreed to develop and print an Assessment of Need Document which is required as an initial step in the Forest Legacy Program. The Alabama Forest Resources Center coordinated and implemented public meetings as required as part of the Assessment of Need.

Success Story #1

In 2001 the Alabama Forest Resources Center completed the required Assessment of Need Document. The document represents the combined efforts of many of the knowledgeable professionals in Alabama as well as valuable input from forest stakeholders across the state. The AON document establishes the basis for the Forest Legacy Program to play an important role in the protection of environmentally important forest resources in Alabama. Six public meetings were held, one in each of the proposed Forest Legacy Areas. Approximately 12,000 individuals and organizations were contacted during 2001 in the process of obtaining public feedback regarding the Forest Legacy Program. All congressional districts were affected.

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Success Story #1

**A statewide initiative was made to address issue of damage and injuries caused by trees before, during, and after storms. Relationship was built with emergency management representatives and urban forestry professionals to develop strategies to mitigate storm damage. Educational materials were produced (i.e. display board, publication) by Alabama Cooperative Extension System. Efforts are continuing to extend message to local Mitigation Planning Teams at county level (All Congressional Districts).**

**Success Story #2**

**Urban forestry faculty at Auburn University coordinated in-service training to help County Extension Agents (CEA) become ISA certified arborists. Twelve agents and Extension Specialists attended workshops and took test resulting in the first CEAs to become certified in Alabama (All Congressional Districts).**

**Success Story #3**

**Alabama Urban Forestry Association (AUFA) formalized partnership in Lee County with Papa John's Pizza to coordinate tree planting projects. Selected restaurants provided funds and labor to plant trees in local communities (Congressional District 3).**

**Success Story #4**

**Eleven counties in Birmingham Metropolitan Statistical Area formed a non-profit organization to secure and coordinate resources for tree planting throughout the region. "Trees-For-Alabama" kicked off their program with a regional seminar. The group's initial activity resulted in 2,000 newly planted urban trees (Congressional Districts 3,6,and 7).**

**Success Story #5**

**During the past several years, NASA researchers in Huntsville have been working with other NASA centers, the Environmental Protection Agency and city planners and urban foresters to determine ways to make cities more habitable and create healthy, sustainable environments. Voluntary partnerships have been bridged between NASA, the EPA and selected American cities. Flyover tests using remote sensing technology developed for the space program were conducted to document patterns of urban heat formation in metropolitan centers. This information enabled communities to determine strategies to reduce heat islands, such as installation of reflective roofing and paving materials to bounce thermal energy back into the atmosphere. The information also could be used to guide strategic planting of trees to shade hot surfaces such as concrete parking lots and asphalt walkways, preventing storage of excess thermal energy (Congressional District 5).**

**Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs**

**Urban & Community Forestry (U&CF) Financial Assistance was used to fund several educational activities. These include four regional tree care workshops offered by AUFA (Congressional Districts 2,3,and 6), Calhoun County Extension System workshop on development on wooded lots (Congressional District 3), Birmingham Botanical Society, Inc. educational materials for self-guided urban forest tour (Congressional District 6), Town of Colony workshop on tree care (Congressional District 4), Huntsville-Madison County Botanical Garden urban forestry educational materials (Congressional District 5), ISA Certified Arborist educational materials and training for Talladega City Forester (Congressional District 3), funding provided for representatives from underserved communities to attend AUFA annual conference (Congressional Districts 3 and 4), and funding provided 16 ACES County Extension Agents to attend AUFA annual conference.**

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**What strategic goals of the Forest Products Conservation and Recycling National Strategy are being**

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addressed by the program?

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Success Story #1

**Increased added value to existing forest product process and increased technology transfer and training to existing forest product companies.**

Success Story #2

**The AFC, in cooperation with the Alabama International Trade Center at the University of Alabama and the Forest Products Development Center at Auburn University published the Directory of Alabama Forest Industries and Wood Product Exporters. The purpose of the directory is to promote better use and marketing of Alabama's timber resource. The directory lists sawmills, veneer and plywood mills, chip mills, pulp and paper mills, and other manufacturers that buy timber. Also, it provides landowners with a list of potential buyers for their timber. It provides secondary manufacturers with a list of sources for lumber and other wood products. Over 900 copies were distributed in 2001.**

Success Story #3

**The Alabama Center for Advanced Woodworking Technology (ACAWT) located in Phil Campbell, Alabama on the campus of Northwest-Shoals Community College, worked in cooperation with the Alabama Forestry Association to establish a Alabama Wood Products Council (AWPC). AWPC will work closely with the ACAWT to provide services to members on technical training, safety, marketing, and improving the industry's competitiveness in global markets. AWPC hopes to represent the 700 secondary wood manufacturers and specialty mills from across the state.**

Success Story #4

**In 2001, the Forest Based Economic Development Resource Guide was updated. It is a guide that lists organizations and resources for forest based industry development in Alabama. The guide provides resources to assist developers and community leaders with industry specific analysis, strategy development and implementation. The guide is provided to promote the investigation and development of a single industry strategy, for the forest products sector. It is our hope that this guide will become a complimentary addition to existing community development plans. In 2002, we plan to redistribute the guide throughout Alabama.**

Success Story #5

**On February 1, 2001, the Alabama TREASURE Forest Association in cooperation with the AFC sponsored a "summit" for forest landowners with an agenda designed to facilitate discussion on future and current markets for forest products. The University of Mobile, Alabama hosted the summit. Attending were 208 forest landowners and industry representatives from across Alabama. Many of the speakers focused their presentations on the negative impacts on Alabama's forestry and wood products industry being caused by a downturn in the U.S. economy. The forest landowner summit provided a good forum for discussing the issues and concerns facing Alabama's forest landowners. It also highlighted the role of forest landowners in facilitating forest based economic development across Alabama.**

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## AR - 2001

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#### Success Story #1

**1) A Steward of the Year for 2001 was recognized in White County (2nd Congressional District). Mr. Glenn Majors was selected among three nominees across the state. He owns 160 acres and has been practicing good stewardship on the property for years. Practices such as planting 3 acres of pine seedlings by hand himself in 1981, machine planting 34 acres of pine in 1987, hand planting 1 acre of hardwood in 2000, maintaining firebreaks around plantings with wildlife vegetation, placing wood duck boxes around some of his 5 ponds, establishing approximately 5 acres of food plots, practicing erosion control measures along small stream and field boundaries, and the maintaining of natural hardwood for wildlife diversity. A tour was conducted on his property open to other landowners. Mr Majors was recognized at the annual Arkansas Forestry Associations meeting with a plaque. A large recognition sign was placed on his property and to help promote the stewardship program.**

#### Success Story #2

**(2) An eleven county area in north central Arkansas(1st and 2nd Congressional Districts) lying in the Ozark Foothills RC&D Project area will be more involved in the future in the stewardship program. Efforts are under way to conduct landowner clinics and field tours. Mass mailings are going out to every landowner owning 20 timbered acres or more in this area. Consultants are being identified to write stewardship plans and provide landowners with professional forestry expertise. Response has been excellent in night meetings already held with anywhere for 40 to 85 landowners attending in the average. This will be a three project.**

#### Success Story #3

**(3) Three Forest Stewards have been recognized the last year with news articles. This not only gives recognition to these landowners but also promotes the stewardship program to others. Mr. Kurrus' property is in the 1st Congressional District, Mr. Fridrick's property is in the 3rd Congressional District, and Strickland's property is located in the 1st Congressional District.**

#### Success Story #4

**Cumulative participants in the Forest Stewardship Program currently stands at 2167 landowners and 374914. Recognized forest stewards includes 120 landowners and 30,000 acres.**

#### Success Story #5

**Multiple resource stewardship planning funds are being utilized in a five county area in southwest Arkansas hit by the 2000 ice storm. Accomplishments includes 59 forest stewardship plans containing forest stand improvement recommendation on 6748 acres. Ice storm funds are being used across to facilitate seedling production to mitigate non-industrial private forestlands damaged across south Arkansas. Funds provided through the large-scale watershed project are being utilized to provide tree seedlings and fifty percent cost share assistance to landowners willing to implement riparian and wetland conservation practices in Mississipi Delta Region of Arkansas, primarily in the L'Anguille River watershed.**

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Narrative Analysis: Overall developments and products developed from the program. Special initiatives

efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Success Story #1

**The Arkansas Urban Forestry Council participated in the "Millennium Green" program initiated by the US Forest Service by accepting 100 famous and historic presidential trees. The Council's goal for the Arkansas Millennium Tree Project was to plant a tree at each of the 75 county seats in the state and to promote fall tree planting. To kick off the project, the Council planted eight trees (representing the eight years of President Clinton's term of office) at the site of the future presidential library at the Little Rock Riverfront Park. Sixty counties participated (80%) in tree planting projects. The partnerships of many state agencies made this project happen and include the following: Arkansas Forestry Commission, Arkansas Department of Parks and Tourism, Arkansas State University, University of Arkansas Cooperative Extension Service, and the Little Rock Parks Department. District - statewide**

Success Story #2

**The Arkansas Millennium Landmark Tree is the 300-350 year old white oak called the Council Oak situated on the Arkansas River in Dardanelle. The tree is the lone survivor of a group of oaks that grew at this location. The Osage, Cherokee and Quapaw Indians once used the river for transportation and named the "Council Oaks" as their designated spot to meet and discuss tribal relations. The 1820 Treaty between Governor Robert Crittendon and Black Fox of the Cherokee Nation was signed under the oaks giving the land south of the River to Arkansas. America the Beautiful is recognizing one Millennium Landmark Tree in each state through a grant from the US Forest Service. On April 1, 2001 Mrs. Betty Bumpers presented the designation at the Council Oaks Park in Dardanelle. District - 2**

Success Story #3

**The City of Fayetteville used grant money to hire a natural resource consultant to review their urban forestry program and make recommendations and develop a comprehensive plan. The assessment included interviews of staff and community groups; a review of city policies, budget, and field operations; and, a comparison of the city's program with similar sized programs around the country. A sample inventory of the public-owned trees was performed to determine species, size, condition, defects and maintenance needs. The recommendations were summarized in a report that focused on increasing community outreach, streamlining operations and clarifying partner roles. The findings were presented to the city council for their approval and adoption of the program. District - 3**

Success Story #4

**The City of Little Rock used grant funds to begin an eradication program of the invasive plant Kudzu. The City woodland parks are utilized by many diversified leisure groups from toddlers to experienced mountain bikers and are the habitat for a wide range of wildlife. Mature trees in these parks are succumbing to the highly aggressive and invasive kudzu vine. The project will involve purchasing a pesticide specific to kudzu that will not harm the trees and then spraying over a two to three year period to insure eradication is complete. The success of the program will be used as demonstration model that other communities will be able to use in their community forests. District - 2**



Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**The Arkansas Forestry Commission produced a booklet entitled "Natural Resource Management in the Urban Forest". The information in this publication will provide guidance for those who make decisions, provide recommendations or want to learn more regarding the planning, project implementation, supervision, public education or other roles that may have an impact on their community's natural resources. Sustainable growth needs to be planned with nature in mind. Habitat protection, storm water management, water conservation, and forest protection are important goals that will provide long-term benefits to a community. District - Statewide**

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AS - 2001

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Success Story #1

**Due to a great interest in the Pacific to implement the Forest Inventory and Analysis (FIA) Program, American Samoa was the first successfully trained group in May of 2001. The American Samoan (AS) Forest Stewardship crewmembers were all trained in the new FIA Pacific Island model/protocols during a 6 week training period in May. This has led to the completion of the basic level of forest inventory for the main island of AS (Tutuila). This intense training has also raised the level of technical expertise of the entire Forestry program as a whole.**

Success Story #2

**The Forest Stewardship Program (FSP) client hillside agroforestry and soil erosion project. American Samoa's land base is very difficult to access due to slopes steeper than 60%. Soils are most susceptible to soil erosion especially on steep slopes without proper fresh cover. One of our FSP clients has requested assistance to help improve his land for planting his food crops. The land is on**

about a 35% slope and we have established hedgerows of vertiver grass to help with soil erosion. IN addition, we have also planted some indigenous tree species like Poumuli (*Flueggia flexuosa*), Tava (*Pomettia pinnata*), Ifilele (*Intsia bijuga*), Malili (*Terminalia richii*) higher up on the slope to help with soil erosion and rocks falling from higher cliffs. The land area is about one acre and is located along side of the main road to the eastern side of the island. Toa (*Casuarina equisetifolia*) are planted at the bottom of the slope to serve as a windbreak and to reduce salt spray from the ocean. This plot serves as a demonstration for hillside agroforestry and soil erosion.

Success Story #3

**Land for Tree Stand Improvement Project (TSI).** Two clients from our Stewardship Program have agreed to allow sections of their lands to be used in our TSI project. The lands are approximately one acre and five acres respectively. The one acre plot is situated on the western side of the island and the five acres is on the eastern side of the island. We have improved these stands by introducing indigenous tree species which are not currently there due to hurricanes or human activities. These are ongoing projects which have proven to be very successful due to increased species richness and distribution.

Success Story #4

**Tree Pruning on FSP client lands.** Request were received from clients for advice and assistance on tree maintenance and pruning of young and fruit trees (such as citrus, guava and avocado). Demonstrations on pruning and maintenance were done for a number of clients. Three to four months later, we followed up on the work done and the clients have expressed their appreciation for the rigorous new growth and obvious improvements to their trees. Special features were the citrus trees (limes and oranges) that have responded well to pruning and bearing fruits. We shall continue this technical assistance to clients with pruning needs for all types of trees.

Success Story #5

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Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

**Acquisition of the Forest Legacy Program** began in American Samoa last year, 2000. Due to a number of reasons, all of the procedures necessary to apply for this program have not been completed. However, there has been much positive movement that may lead to the installation of the program in 2003. The Forest Stewardship Council has active members from all of the environmental agencies in the Territory. Due to the interest in the Forest Legacy Program, the FSP Council has made some real headway in saving the threatened Lowland Rainforest (which initiated the need for the Forest Legacy Program). To date, an Assessment of Needs is well underway, a Forestry Department representative attended the Land Trust Rally/Forest Legacy Program Conference, three new alternatives have been identified as potential ways to save this threatened land and The Nature Conservancy has shown great interest in helping save this important land. We hope that in next year's PMAS reports you will read about how American Samoa has successfully acquired this program.

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Success Story #1

**The UCF Program coordinator is a member of Le Tausagi, an Inter-Government Agency Group for**

Environmental education, with a mission to educate and promote public awareness on critical issues impacting residents of American Samoa. The population of Tuitila and Manu'a is approximately 65,000 occupying 76 square miles. Le Tausagi is composed of members from the local Environmental Protection Agency, Department of Commerce, Fagatele Bay National Marine Sanctuary, American Samoa Coastal Management Program, National Park of American Samoa and American Samoa Community College Land Grant Forestry & Agriculture Extension Program. One of the successful activities conducted by Le Tausagi members was the training of 35 teachers at Manulele Elementary School using Project Wet. Before conducting the training for the teachers, Le Tausagi members had been trained by local and regional facilitators of Project Wet. The impact of this training has been reflected by the improvement of teachers in adopting parts of Project Wet curriculum into local school activities.

#### Success Story #2

UCF has been working with American Samoa National Park and the Office of Historical Preservation on various projects over the years. Due to this positive collaboration, last year the Forestry Program took on the project of revitalizing and revegetating Blunts Point Battery, a local landmark. The four six-inch naval guns defending the entrance to Pago Pago Bay on the island of Tuitila remain as mute reminders of a time almost 60 years ago when American Samoa briefly stood on the front lines in America's war with Japan" (Enright 2001). The Blunts Point Battery was built in 1941 and occupied by the US Navy until 1951. Currently the UCF Program is funding an internship for this project. The intern and the forestry crew have mapped the entire area, using GPS and GIS. This map will be used on a poster depicting what the site originally looked like and what it looks like now. In addition, we have cleared all invasive species, repaired cement steps, planted native species, posted interpretive trail signs describing the historical materials and the natural environment. We are currently in the process of contacting the US Navy in search of historical photos and maps of the site. We hope to have this site completed for local and international visitors by late February 2002.

#### Success Story #3

American Samoa was recently acknowledged during the National Association of State Foresters Annual Conference (NASF) in Hot Springs, Arkansas. The Honorable Governor Sid McMath spoke about his time in American Samoa, eight months during WWII. He described how the Blunts Point Battery intimidated a Japanese submarine into misfiring and hitting the only Japanese owned store in the Territory.

#### Success Story #4

#### Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

Arbor week is observed as an annual event in American Samoa and is organized by the forestry section of the Community College. The theme for this year was to study the forest (Suesue le Vaomatua). Prior to Arbor week activities local Boy Scout Troops requested trees to be planted at local Lyons Park as part of their community service project and a necessary step in earning their forestry badge. The concept of the theme was to include all aspects of the forest ecosystem. Examples are plants, leaves, flowers, branches, roots, fungi, soil, insects, animals, water, microbes, bacteria and more. The weeklong celebration had cultivated the interest among the people to plant, protect and conserve the forest of American Samoa. Presentations included the importance of trees in an urban area as well as in the forest. Tree plantings were held at several schools with approximately 200 participants.

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### AZ - 2001

#### Page 6

Success Story #1

**The Northern Arizona University (NAU) Centennial Forest, completed its first year of existence and activity on 50,000+ acres of Arizona State Trust Land in northern Arizona near Flagstaff. In a unique arrangement, the land within the Centennial Forest continues to generate revenues for Trust beneficiaries. Trust Land activities on the Centennial Forest are the result of abundant collaboration with other entities, projects and activities, with 6,330 hours of volunteer work having been donated this year. Management actions for the past year include restoration and old growth protection of ponderosa pine with involvement by the State Land Department, the Ecological Restoration Institute at NAU, the Coconino County Rural Environmental Corps, and students from the College of Ecosystem Science & Management at NAU. Activities have also been coordinated with the Grand Canyon Forest Partnership and Indigenous Community Enterprises (ICE). A highlight of this year's activity has been the production of logs for the construction of a traditional Navajo hogan by ICE on the NAU campus at the College of Ecosystem Science & Management. The NAUCF continues to break new ground in the application of community forestry while meeting both the Land Department's revenue generating mission and the University's research and education mission.**

Success Story #2

**The Grand Canyon Forest Partnership is a consortium of agencies and organizations who are committed to restoration management and wildfire risk reduction in 100,000 acres within the Flagstaff wildland/urban interface. Partnership efforts are addressing ecosystem needs on multiple ownerships, including federal, state, municipal and private. An analysis of market obstacles and opportunities that was commissioned by the Partnership was recently completed by Mater Engineering. Results of that study are now being communicated to interested and affected parties to build a foundation for efforts to improve the economics of restoration in southwest ponderosa pine.**

Success Story #3

**The State Land Department has teamed up with the Kaibab National Forest, Coconino County, the Ecological Restoration Institute at NAU (ERI), the Cooperative Extension Service, the Arizona**

**Department of Corrections, and local fire districts and homeowners in the Parks Urban Interface Fire Risk Reduction project. This project is using ERI and state cost/share funds to pay for public outreach and land treatment for improved forest health and a reduction in the risk posed by wildfire in the Parks Area. Treatment is in progress on 320 acres of private land in the Sherwood Forest area. This cooperative effort is using an inmate fire crew to thin and remove material from private land for risk reduction. Resultant fuels are being disposed of with an air curtain destructor which is owned and operated by Coconino County.**

Success Story #4

**The completion of the Picture Canyon Riparian Restoration Project is changing. A grant from the Partners for Fish & Wildlife program has been applied and other cooperators, potential sources of funding, and project emphases are materializing. The project area is part of the Northern Arizona University Centennial Forest, and the University has a high level of interest in the cultural resources as well as the natural resources. Recently, the Coconino Natural Resource Conservation District has approached the Land Department about implementing a wetlands enhancement plan that was developed by the Soil Conservation Service some 20 years ago. A key element of the NRCD's effort could be a Wetlands Reserve Program (WRP) conservation easement that would provide funding for both protection and restoration. Simultaneously, the Coconino Open Space Alliance (COSA) is petitioning to have the area preserved and protected through the Arizona Preserve Initiative, a program which provides for the purchase or lease of State Trust Lands where conservation is deemed the highest and best use. Continued containment/eradication of noxious weeds is an important consideration in all of these potential developments. Efforts to ensure a continuing flow of treated effluent through the project area are meeting with mixed results as the City of Flagstaff considers the possibility of selling/transporting the effluent to developers for irrigation of golf course subdivisions.**

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Title VIII Project \$16,000 Thorpe Park Restoration Flagstaff, Arizona Partnerships: Urban and Community Forestry Program, City of Flagstaff Fire Department, Northern Arizona University, Grand Canyon Forest Partnership and the State Land Department, Fire Management Division. The project will conduct forest restoration activities, selective tree thinning and application of prescribed fire to restore the pine forest on this important parcel to a more natural and healthy condition from what presently exists. This project is unique because it combines all forestry disciplines to assist in managing the community forests in the urban interface areas of Arizona. The project provides job experience and career opportunities, provides wood products to local individuals and businesses and is an example to others on the outcomes achieved through joint methodology in natural resource management. Congressional District Number 6**

Success Story #2

**Water Conservation Alliance of Southern Arizona. Tucson Arizona The Gravwater-Water**

**Harvesting Workshops** were created to provide the public with practical information for the construction of simple graywater and water harvesting systems. One component of the workshops introduced attendees to the benefits of trees appropriately paced around their homes, the advantages of using the harvested water for irrigation and how much money can be saved by properly placing trees and utilizing alternative water sources. The free workshops were offered to residents of Pima County and 96 people attended. The evaluation sheets showed that everyone came away with an understanding of what water harvesting is and most planned to try it in form or another.

**Congressional District Number 2**

Success Story #3

**14 Tree City USA's** announced for Arbor Day 2001 Awards were presented to mayors, city council members and others by Arizona Governor Jane D. Hull. This awards program held at the State Capital was a kick off of Arbor Days 2001 in Arizona. The Tree City USA award was presented to: Pinetop/Lakeside, Showlow, Snowflake, Flagstaff, Tucson, Scottsdale, Phoenix, Tempe, Paradise Valley, Cave Creek, Litchfield Park, Luke Air Force Base and Glendale. These communities were honored for their commitment to community forestry. Two Utilities were awarded the Tree Line USA award. Arizona Public Service Company and Salt River Project were the recipients. All Congressional Districts

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Basics in Arboriculture Classes:** Purpose of the program is to prepare students to take the ISA certified arborist exam. Each student is given 64 hours of classroom instruction in basic and advanced arboriculture. In 1990 there were 24 Certified Arborists in the State of Arizona. Today there are 196 Certified arborists. This is a direct result of the Urban and Community Forestry's influence in the State. In 2001 the classes were expanded to include Phoenix, Yuma, Showlow and Tucson. The "Inside, Outside, Hotside of Trees" conference is a day long workshop open to tree care workers to teach them to recognize and respect electrical conductors. The attendees are presented with information on how to work safely around electrical lines. The program is free and approximately 250 attended this year. All of our programs and educational seminars etc. are a result of 44 partnerships in the state. These partners are from academics, utilities, municipal, state and federal, private, horticultural and the program could not be delivered without them.

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

**Participation in the Four Corners Sustainable Forests Partnership and in the Northern Arizona Sustainable Forests Partnership** by our State Forestry Program Staff is enhancing the opportunity for grants, loans, technology transfer and information transfer to small business entrepreneurs and other entities throughout northern Arizona. This provides much-needed assistance in trying to create solutions for the lack of solid markets for small-diameter ponderosa pine.

Products developed from the program. Special initiatives efforts/programs.

**Land Department efforts through the Grand Canyon Forest Partnership** are finding a use for otherwise nonmerchantable wood from risk reduction and restoration thinnings. Wood is being cut to length, stacked, and then made available for free pickup by the public for use as firewood. In this way, utilization is improved for an estimated 100 Mcf of wood that would otherwise be burned in



**slash piles.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**CA - 2001**

**Page 6**

Success Story #1

**RUSSIAN RIVER WATERSHED EDUCATION PROGRAM:** With funds provided through the Forest Stewardship program and other sources, the Sotoyome Resource Conservation District is forming Watershed Stewardship groups on Russian River tributaries including Parsons, McNab, Maacamas, Mark West, Matanzas, Copeland, Hobson, Fife, and Hulbert Creeks. In each watershed, landowners are identified and invited to an informational meeting and/or tour of the watershed. Interested participants are then trained to assist with gathering existing photos, maps and reports for a “watershed atlas”; establish and monitor stream conditions at a “study reach”; and perform surveys and monitoring to identify water quality problems and potential restoration projects. Landowners interested in doing stream rehabilitation work on their own property are assisted with applying for funding. Over 2500 landowners have been contacted through this program to date.

Success Story #2

**EAST BAY HILLS WATERSHED FORUM:** Based out of Merritt College and sponsored by the Alameda County Resource Conservation District, the goal of this program is to increase public participation in fuels management projects in the Oakland Hills. Classes and workshops have been held on fire ecology, firesafe landscaping and building, and watercourse assessment, monitoring and restoration; these included a workshop held as part of the recent observance of the ten-year anniversary of the Oakland Hills fire. Active partners include the Diablo Firesafe Council, Friends of Temescal, and Friends of the Estuary. Future plans include conducting a conference next March, and establishing a Watershed Center at Merritt.

Success Story #3

**GUALALA RIVER WATERSHED COUNCIL:** Forest Stewardship contract with the Sotoyome RCD funded hiring of a half-time coordinator, mailings of minutes of monthly meetings, holding four workshops (on topics such as road and stream assessment), and developing a mailing list and quarterly newsletter sent to all residents of watershed. The Council has since received major funding through the Coastal Conservancy, Water Quality Control Board and CA. Department of Fish and Game for a study of the estuary, establishing a volunteer monitoring program, surveying and repairing roads, and hiring a hydrologist to write a watershed-wide management plan.

Success Story #4

**LITTLE STONY CREEK FUELS MANAGEMENT:** Forest Stewardship contract with the Colusa County RCD funded design and implementation of a fuels management project that used manual thin and release and controlled burning to establish shaded fuel breaks along a key access road. Work was done in cooperation with the Mendocino National Forest, the major landowner in the watershed. The fuel breaks will be expanded on privately owned parcels through CFIP funding.

Success Story #5

**DOERKSENS:** Long-time participants in the Stewardship Incentives, Forestry Incentives, and CFIP programs were awarded last year's California and Western Regional Tree Farmer of the Year (first runner-up for National Tree Farmer). The mixed use of their 105-acre property includes a Christmas tree farm, commercial forestry, fuels management, wildlife habitat, and heavy recreational and outdoor educational use. The property includes about a mile of frontage on a stream providing important habitat for coho salmon and steelhead.

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

California greatly expanded its Forest Legacy Website. In the spring of the year both the original Assessment of Need and the Amendment to the AON were posted on line. Additionally, California's newly developed FLP application form, instructional and informational sheet and the Call for Proposals were posted. The application form is in Word format with expandable fields that has been very easy for landowners to use. Although some glitches were noted, this endeavor has provided the FLP coordinator with more consistent (and legible) applications that allow the committee an easier review. The electronic application has made it much easier for landowners to work on their applications, make updates and submit drafts.

Success Story #1

The acquisition a conservation easement on the Twining and Oracle Ranches is the first transaction under California's Forest Legacy Program. The easement is valued at nearly \$3 million. Subdivisions and vineyards surround this property, which is near Talmage in the Ukiah Valley. It is a critical to the scenic viewshed in the area. The cover type is primarily oak woodland comprised of blue oak, interior live oak, valley oak, black oak, madrone and other hardwoods. The property is a haven for wildlife. Pileated woodpeckers, trout, mountain lion, bear and screech owls are a few of the animals that reside in the habitat provided by the Twining Ranch. The Twining family has owned the property since 1957. Although much of the property has been grazed for cattle production they have devoted themselves to restoration of their creeks and re-introduction of native grasses. Over the years they have participated in numerous studies done on various aspects of the property by UC Cooperative Extension Service, Department of Geology at San Jose State, California Department of Fish and Game and others.

Success Story #2

The Addison Forest Conservation Easement was the second easement donated to the Forest Legacy Program in FY 2001. The 600-acre property in Mendocino County is approximately 3 miles north of the town of Boonville. It includes portions of both the Con and Indian Creek watersheds. Protection of the riparian areas in these watersheds is important in minimizing erosion and protecting salmon spawning habitat downstream in the Navarro River. Mid-seral Douglas fir dominates the forest type with oak woodlands and grasslands interspersed. The property contains potential habitat for the federally listed northern spotted owl. There have been northern spotted owls nesting on the property in the recent pasts. The property was threatened both by housing development and conversion to vineyards. This area has long been recognized as one of the finest regions in the world for wine

production. Its mild climate, beautiful rural settings with rolling hills and its fairly central location within California makes this area especially attractive to upscale residential development. These two forces combine to raise land values substantially and increase economic pressure to convert these beautiful conifer-hardwood forests to other uses. The donation of this easement by the Addison family will help ensure the beauty and the ecological viability of this area.

Success Story #3

Success Story #4

Success Story #5

Page 10

Success Story #1

**Greenspace: The Cambria Land San Luis Obispo County Monterey pine forests along the California coast are being threatened with extinction by pine pitch canker and associated pests. To reduce the loss of pines in Cambria and surrounding areas, Greenspace used funding from this grant program to launch a public education program. Its approach was two-fold: to create and distribute an informative brochure to acquaint property owners with the threat to Monterey pines and outline methods for reducing the spread of pitch canker; and to hold a public workshop where individuals could ask questions and clear up misinformation. A total of 12,000 brochures were printed; of those 4,400 were distributed through direct mail, and the balance was inserted in the Central Coast Sun Bulletin, a widely read newspaper in the San Luis Obispo County coastal region. The workshop, held in May 1999, presented up-to-date information on the history of pitch canker in California, pathogen biology and disease management, the search for resistance to pitch canker, and greenwaste issues. Most of the 50 workshop attendees were residents of the Cambria/Morro Bay area. Several county park officials attended as well.**

Success Story #2

**Tree Musketeers Los Angeles County Tree Musketeers' goal is to empower and educate kids to become environmental leaders and activists. The group was founded in 1987 by an eight-year-old Brownie and her friends who wanted to plant trees in their hometown of El Segundo. The group initiated a local curb-side recycling program, opened a youth leadership center, and partnered with another youth-led organization in promoting the national One In A Million campaign to inspire a million kids to plant a million trees by the millennium. Tree Musketeers' newest program aims to involve more local youth in volunteering and environmental leadership projects. Grant funds were requested to staff the groups' center during weekends to provide a place for court-ordered youth to carry out their community service hours working on environmental projects. To make the community service more educational and meaningful, Tree Musketeers required that each youth attend a city council meeting and a recreation and parks commission meeting to become familiar with the city's new Tree Master Plan. Twenty-eight youth participated in the program contributing over 1,000 community service hours. After completing their own volunteer; three others referred friends to the enter a place to serve their court-ordered community hours; and several requested to serve a second community service assignment with Tree Musketeers.**

Success Story #3

**Mountains Restoration Trust Los Angeles Two Hundred years ago, valley oaks and coast live oaks were plentiful throughout the valleys of the Santa Monica Mountains. Oak woodlands eventually gave way to agriculture, ranching, and development. Between 1996 and 1998, in an area now designated as Malibu Creek State Park, the Mountains Restoration Trust planted 2,000 oaks and other native trees following the precepts of restoration ecology. Grant funds from this program were used to create a tree-care handbook for volunteer crew leaders whose efforts were focused specifically on oak restoration. The manual discusses the deterrents to natural revegetation in Malibu Creek State Park and techniques to overcome them; problems associated with replanting of sites: biological, mechanical, and chemical control of weeds and pests; tree shield maintenance; and**

methods of watering. The manual also includes a instructional “how-to” diagrams. With the manual as guide, close to 600 volunteers from local high schools, youth groups, the California Native Plant Society, Tree People, and Outward Bound Adventures, Inc. provided needed maintenance to the oaks in the park throughout 1999. Over 5,000 hours of volunteers time were donated to this oak restoration project.

Success Story #4

North East Trees Los Angeles County Since it’s founding in 1991, North East Trees has planted over 10,000 trees in urban Los Angeles. The group is firmly committed to ongoing stewardship to insure the long-term survival of these trees. Grant funds made it possible for North East Trees to hire teenage tree care workers through the Los Angeles City Summer Youth Program to provide tree maintenance. These youth were trained and worked under the supervision of experienced crew leaders to water, mulch, remove stakes and ties, and prune young trees. Throughout the summer months some 300 urban street trees and 200 trees growing in the greenbelt along the Los Angeles River received care. Twenty-nine replacement trees were planted along city streets, 11 with funding from this grant; additional tree were purchased with matching funds. Vandalism has been a problem in some areas of urban Los Angeles; on one street alone 18 trees were found broken. The incident rallied neighborhood residents who responded by wrapping broken branches with tape and providing more frequent watering. As a result only seven trees needed to be replaced on the street.

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

Page 12

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Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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CM - 2001

Page 6

Success Story #1

**This program is on its second year of implementation and is still in its developmental phase. Private landowners showed interest by participating in this program’s incentive of free plant assistance from the forestry plant nursery. The intent of these incentives is to encourage farmers and private landowners to diversify their tree species within their private land. One hundred five (105) private landowners were assisted with technical and plant materials. Five of these received a forest stewardship plan and is now in the process of finalization.**

Success Story #2

**Reforestation projects were conducted throughout the funding period. The forestry staff established plants which serves multiple uses: for medicinal, educational and cultural values. Such planting serves as an enhancement of wildlife habitats, human consumption, and soil stabilization. This type of planting activities will continue under the program’s guidance.**

Success Story #3

**The CNMI Forestry Nursery continues to upgrade their nursery facility to accommodate the growing demands of plants for various forestry projects. For hardening new plants, additional spaces were utilized concrete structures were erected as planting beds, which are sheltered by shade clothes and solid plastic to filter excess heat and sunlight. Steel pipes welded together reinforced these structures. Local staff, volunteers, and forestry staff labored throughout the completion of these projects.**

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Under the direction of the Departments of Lands and Natural Resources, Division of Agriculture, Advisory Councils and the USDA Forest Service, the program is able to continue to reach communities through various projects i.e. Arbor Month Celebration, Neighborhood Greening, Beach Planting, Roadside Beautification, Park Planting. These projects increase awareness in the care of natural resources, island beautification, and partnership between private and government agencies**

Success Story #2

**The Department of Lands and Natural Resources continue to give full support towards the program's goals and objectives; through every planting activity, the department and its divisions assist by providing manpower, tools and equipment to aid in the success of each planting project. In addition, the Agriculture’s Equipment Staff assisted in clearing the Laderan Tangke Trail with fallen trees and branches, removal of vines and other noxious weeds along the trail path. They also assisted with mowing services: mowing the trail entrance and parking area and other areas as requested by the Forestry Section.**

Success Story #3

The Workforce Investment Agency (former “Job Training Act”) for youth and low-income families was able to assigned 12 high-school students to work temporarily under the Forestry Section. They were trained in nursery work, propagating methods, proper tree pruning, and team leadership. They also participated in the Laderan Tangke Trail Maintenance, planting shade and fruit trees within the Marpi Forest. Mr. Stan Villagomez also taught them, the proper way of performing the “Tree Stand Improvement (TSI)” and proper pruning around the Kagman Agriculture Station.

Success Story #4

The CNMI Governor officially proclaimed the month of October 2001 as CNMI Arbor Month. The celebration was officially opened after Governor Tenorio signed the proclamation on September 27, and planted a Pink Tacoma (*Tabebuia roseo-alba*) outside the administration building. The public showed enthusiasm in the previous celebration by participating in planting and beautifying their designated areas/homesteads and other public facilities. In addition, the Council’s Chairperson and CNMI Forester conducted presentations and demonstrations in schools prior to any planting activities. In making last year’s celebration more successful, the private nurseries donated a total of 2100 trees to schools and organization throughout the month of October 2000. These donations were used for roadside and school ground beautification.

Success Story #5

Mr. Guerrero made trips throughout the schools on Saipan, providing technical assistance on beautification and tree care. Twenty (20) Assistance Request Form were issued to Schools and Government Agencies. These forms not only provide allowable time for planning but also serve as a record of the programs assistance prior to any planting projects. The use of these forms continued to be use as a tool for planning and preparation for future planting activities.

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

Page 12

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Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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**CO - 2001**

**Page 6**

Success Story #1

From 1977 to present the Woodmoor Improvement Association (WIA) in Monument, Colorado has directly controlled its Mountain Pine Beetle problem and addressed dwarf mistletoe infestation in the subdivision. After the development of their Forest Stewardship Plan in 1996 they began an aggressive attack on noxious weeds. In 2001, with National Fire Plan grant funds, WIA completed fire mitigation work on 100 individual homesites and two common areas. The association even has a forestry committee, and under the guidance of the Colorado State Forest Service, private landowners are trained in areas of forest management including insect and disease and fire mitigation measures. These "Tree Monitors" assist fellow landowners in their forest management operations. WIA has been recognized in 2001 for their outstanding forest stewardship accomplishments. This scenario exemplifies the importance of homeowner's associations and their ability to achieve broad-scale objectives. Congressional District #5

Success Story #2

Steve and Rita Evanoika have been good forest stewards even before their stewardship plan was written in 1993. They have owned their 1400-acre Elbert county property for 37 years and have been actively involved in conservation activities on their land as well as promoting the importance of planting trees. The Evanoikas have shown exemplary dedication and perseverance in the implementation of their management plan. With the assistance of the Stewardship Incentives Program they have planted nine windbreaks, each averaging 1.1 acre in size. They perform regular maintenance on the plantings, including weed control, insect and disease protection, and replacing dead trees. Steve has been actively involved with the Double El Soil Conservation District in Simla for many years. He assisted with many living snow fence projects in Lincoln and Elbert counties, and has donated the services of his tree planting business in area planting activities. The Evanoikas plant trees on their property, with or without cost-share money. "I know the benefit of trees out there", Steve says referring to the harsh winds of the eastern plains of Colorado. They are active stewards on a daily basis, not only on their property, but dedicated to educating and assisting others in good land management practices. Congressional District #4

Success Story #3

In 1998 the Colorado State Forest Service (CSFS) piloted a course in forest stewardship planning for Boulder County landowners. With education, hands-on experience and coaching, Alice Chestnut completed her Landowner Forest Stewardship Plan. Alice is a "true believer", actively managing her forest, woody vegetation and associated resources. Since the completion of her plan she has accomplished 3 patch-cuts on her property for mistletoe removal. She has also applied fuels reduction work around her new homesite. Alice, a retired editor, has worked with Jan Hackett from the CSFS in compiling a landowner notebook for Coached Planning. This notebook is presently being reviewed and modified with Colorado Cooperative Extension and Colorado State University. Congressional District #2

Success Story #4

George and Lou Crouse have a long history of managing their forest property for a variety of uses. The land has been in the family since the 1920's and has been under a forest stewardship plan since September 1984. The Crouse property is also a certified Tree Farm and is managed for forest products under Colorado's Forest Agriculture Tax Program. A primary objective is to maintain tree health and vigor while reducing risks associated with insects, disease and wildfire. The entire 68 acres has been commercially and non-commercially thinned and the Crouse's have planted over 500 seedlings and personally site prepped with a dozer to create favorable conditions for ponderosa pine natural regeneration. Direct control of beetle-infested trees is an ongoing (as needed) activity. Tree

**thinning and pruning practices adjacent to the home and buildings have been done for fire hazard reduction. George and Lou are great representatives for the Tree Farm Program and have held tours on their property promoting the benefits of good forests management. They are respected in their community and well known as good land stewards. Congressional District #4**

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**Colorado Forest Legacy Program manager was invited to participate in a regional workshop of the Land Trust Alliance. He presented a status report on the Colorado Forest Legacy program and reviewed the Assessment of Need process and progress. Participants in the session included members of several local Colorado land trusts with great interest in Forest Legacy in Colorado. Colorado land protection leadership has welcomed the Forest Legacy Program and is excited about working together to protect private forest land.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**The Colorado Tree Coalition (CTC) is the statewide group created to promote the preservation, renewing, and enhancement of community forests throughout Colorado. The Coalition went through a strategic planning session which addressed the needs of not only the Coalition but community forestry through out the state for the next 5 year. The Coalition is helping fill many community forestry needs.**

Success Story #2

**The CTC was able to complete a brochure to help promote membership and partnerships in its many program. Partnership involvement with the Coalition is increasing mainly within its grants program. Allowing more communities throughout the state to receive dollars for trees planting and tree related events.**

Success Story #3

**The Western Community Forestry conference was held for the 12th year in a row. This conference is well attended by west slope community leaders. There is renewed interested in revitalizing the Eastern Community Forestry conference, mainly from the north and NE chapters of the CTC and the respective district foresters.**

Success Story #4

**Because of additional funding more community forestry grant were available. These grants not only helped to raise awareness and about the value and benefits of trees but resulted in several thousand additional trees being planted.**

Success Story #5

**Statewide three additional communities have hired city foresters and/or arborists.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**\* Colorado Cares Day is a day set by Governor Owens for residents of Colorado to improve the area they live in. An event was held at the State capital by the USDA Forest Service, The Colorado State Forest Service, and the CTC. \* The Front Range Urban Ecosystem analysis report was released in April of this year. The PR event was well attended and received some great publicity. Steps are being taken to make this relevant and significant to participating communities. \* A urban carbon credit study targeting five communities throughout the state has begun. \* Strengthen the NE and north chapters of the CTC \* Restructured the committees of the CTC focusing on education and promoting sound community forestry practices. \* A series of articles in a statewide newspaper \* Arboriculture workshops were held throughout the state.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**1. Provide technical assistance and technology to the Colorado forest products industry to improve utilization of forest resources in the state both in terms of sustainability and environmental sensitivity. 2. Assist with the development of value-added and alternative products. 3. Working to find uses for wood and wood-fiber that is currently land-filled or underutilized.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**Technical and financial assistance contributed greatly to program outcomes, providing funds to hire personnel and procure the resources necessary to conduct research and extension/outreach.**

What contributions of the program meet states/local issues and needs?

**Program has been heavily involved with looking at ways to utilize wood (small diameter trees) from fuel hazard reduction work. This addresses issues related to fire mitigation on public and private lands, including public safety. Utilizing wood removed to improve forest health is also an issue.**

Products developed from the program. Special initiatives efforts/programs.

**We are working to utilize wood in a variety of ways. Products include solid wood products (such as mine timbers and landscape timbers), animal bedding, fuel (cement kilns and electric power generation), and wood chips for composting.**

Success Story #1

**Development of a wood utilization and marketing extension effort at CSU. Chris Jennings was hired to serve as an extension specialist for the state outside of the Four Corners Region. Congressional District #3**

Success Story #2

**Wood was treated using solutions of copper sulfate and sodium fluoride the double-diffusion method and placed in service. Several mills in the Four Corners Region have expressed an interest in the treatment method. Congressional District #3,5,2,4**

Success Story #3

**Sawmill study at Delta Timber Company was successfully completed and identified several ways to improve plant efficiency. The owner is currently looking at possibilities for implementing improvements based on findings. Congressional District #3**

Success Story #4

**Utilizing wood chips at the Canon City municipal power plant to generate electricity. The plant is permitted to burn up to 5% wood with coal and began burning wood supplied from a forest restoration thinning project in south central Colorado in September 2001. Congressional District #5**

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**CT - 2001**

**Page 6**

Success Story #1

**A dendrology workshop for 120 middle school students was held in the Camp Demonstration Forest at the Connecticut Forest and Park HQ in Middletown, CT. (District 2)**

Success Story #2

**Forestry field days were held at the Pratt Nature Center in New Milford and the Audubon Sanctuary in Sharon. 106 individuals participated. (District 6)**

Success Story #3

**25 new COVERTS cooperators were trained at the Yale Camp in the Great Mountain Forest in Norfolk. (District 6)**

Success Story #4

**A Forest Stewardship Landowners' tour was held in the Salmon River Watershed. 25 potential Stewardship clients were introduced to the program and the principles of Forest Stewardship. (District 1)**

Success Story #5

**Two Eastern CT Forest Landowners' Association (ECFLA) field days were held at the Leavitt property in Ashford. The topic of the first field meeting was on Forest Stewardship planning, and the second on planning and implementing a timber harvest. (District 2)**

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**The largest privately owned forest in Connecticut, Great Mountain Forest, received \$4,151,000 in Forest Legacy funding for the protection of 5,565 acres in Norfolk and Canaan, CT. This project should be completed by December 31, 2002. (District 6)**

Success Story #1

**In 2001, a group of eight landowners in Chaplin, CT formed the Stonehouse Brook Preservation Circle. A group application for the protection of 704 acres of forestland within the Natchaug River Watershed was submitted for Forest Legacy funding.(District 2)**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Connecticut was chosen as one of three pilot states to work with Lisa Burban on a model project, "Engaging Disengaged Audiences". Tree inventory projects in Milford and Stratford were chosen to test the model. (District 3)**

Success Story #2

**In cooperation with David Bloniarz and the Northeast Center for Urban Forestry, tree inventory training programs were conducted in Milford and Stratford. 138 citizen volunteers were trained to carry out shade tree inventories in their communities. (District 3)**

Success Story #3

**A "Tree Worker" training course was held for 22 town workers and citizen volunteers in the Town of Southbury. (Districts 5 and 6)**

Success Story #4

**a "Storm Damage Assessment Protocol" workshop was attended by 43 Tree Wardens, Arborists, Urban Foresters and State personnel at the Connecticut Agricultural Experiment Station in New Haven. (All districts)**

Success Story #5

**A natural resources management plan was written for the watersheds of the north and south branches of the Park River watershed in Hartford. This project was coordinated by the Greater Hartford Urban Resources Partnership. (District 1)**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

See above.

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

## 2001 Narrative Report

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## DC - 2001

### Page 6

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 10

Success Story #1

**The District of Columbia has been in a period of transition during fiscal year 2001. The State Forester/Urban Forestry Coordinator position was vacant for a few months during the year. The Urban Forestry Council of DC made use of federal funds by providing a grant program to neighborhoods. The success stories below reflect their efforts. The Urban Forest Council of Washington DC has to date in Fiscal 2001 awarded six grants for neighborhood greening projects, established a tool bank, participated in a partnership managing a regional grow out station, and provided teaching resources for public school education in urban ecology. Beginning on December 3, 2001, the new State Forester/UCF Coordinator, Mark Buscaino, has assumed full responsibilities for the program.**

Success Story #2

**Greenstreets Mount Pleasant/Columbia Heights: Trees in the Urban Ecosystem. The Greenstreets Initiative has been providing elementary school teaching resources in urban ecology with Urban Forest Council of DC aid. The resources have included materials and books, field trips and environmental testing materials.**

Success Story #3



**Cole Recreation Center.** The Urban Forest Council of the District of Columbia (UFCDC) has worked with the Cole Recreation Center in the Trinidad area of DC on a number of occasions. The Cole center has lead a neighborhood renaissance in Trinidad by renovating a fitness center building and landscaping the surrounding park and playground. UFCDC held a tree planting ceremony as a memorial to a Gallaudet student on Make a Difference Day, held a summer Envirothon with bird netting and banding displays, and took two bus tours to display the success. Volunteers from the Trinidad neighborhood participated in all these events.

Success Story #4

**Growout Station.** Urban Forest Council of DC has worked with the National Tree Trust and the University of the District of Columbia to manage a tree nursery. This regional grow out station in Beltsville MD, provides tree seedlings for Urban Forest Council of DC projects and educational opportunities with site visits and volunteer involvement.

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**DE - 2001**

**Page 6**

Success Story #1

**Two forest landowner workshops** were held this year as a cooperative effort between the Forest Stewardship Program and the Delaware Farm Bureau. These workshops were part of our efforts to partner with various conservation and land use agencies to better promote quality forest management in Delaware. The session subjects ranged from stewardship plan development to forest tax issues. A field trip was held in the afternoon for both workshops.

Success Story #2

**In November of 2000, the Delaware Forest Service opened its new satellite field office at Taber State Forest. Three staff foresters are permanently located at this facility to provide better service to our central Delaware landowners.**

Success Story #3

**The Delaware Forest Service continues to work with a software contractor to complete the development of the comprehensive landowner database. When completed, this database will track Forest Stewardship and other related landowner assistance accomplishments, along with integrating our existing database which tracks our Erosion & Sediment control forest harvest permits and inspections.**

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**The Delaware Forest Service is currently negotiating with a landowner to develop a Legacy project. We hope to present this project for consideration in the next fiscal year. If the project does not materialize, we will continue to search for other potential projects.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Point One – Educational Workshop The Delaware Forest Service in cooperation with the Delaware Center for Horticulture and the New Castle County Land Use Department held a one-day workshop for developers within the state to promote City Green 4.0, and how it can address smart growth concepts, best management practices and tree preservation practices. This workshop help to demonstrate this computer software as well as exchange ideas on how to better manage urban forest resources within New Castle County. Congressional: Castle Population: 500,000**

Success Story #2

**Point Two – Community Outreach The Delaware Forest Service in conjunction with the New Castle County Land Use Department utilized monies from the Delaware Forest Service Urban & Community Forestry Program to purchase the City Green 4.0 computer program. New Castle County Land Use Department plans to use this software to address storm water management issues, land use activities, and urban and community forest health assessment. Congressional: Castle Population: 500,000**

Success Story #3

**Point Three – Community Success The Delaware Center for Horticulture, The City of Newark, and The City of Wilmington were awarded a 2001 focus-funding grant made available through Federal Title VIII monies. This grant will allow for a comprehensive tree inventory of publicly owned street trees within this metro region. Congressional: Castle Population: 350,000**

Success Story #4

**Point Four – State Success The Delaware Forest Service Urban & Community Forestry program was pleased to introduce the Delaware Tree-Friendly Program to engage non-participatory communities. The Tree-Friendly Program promotes sound management practices and educational outreach to Delaware residents on the importance of Urban & Community Forestry. To promote this program in its initial stages, the Delaware Forest Service, in conjunction with Davey Resource Group offered Davey Facility Keeper On-Line to Delaware’s communities at no charge. This computer software will allow communities to manage their forest resources in an efficient manner. Congressional: Castle Population: Statewide**

Success Story #5

**Point Five – Community Success – Underserved Community The Delaware Forest Service Urban & Community Forestry Program continued its partnership the with Community of Knoll wood within Claymont, Delaware by providing financial and technical assistance. This once former company owned community is located within the Wilmington metro area and through the efforts of the Delaware Forest Service, state and local representatives, and local industry the community has re-established community open space and recreational areas to enhance the quality of life for residents. Congressional: Castle Population: 2,500**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Point Six The Delaware Forest Service Urban & Community Forestry Program, in cooperation with the Mid Atlantic Center for Urban & Community Forestry will host a one-day GIS – GPS workshop for the six states within the Mid-Atlantic region and the District of Columbia to address the region GIS / GPS needs. From this workshop a strategic plan will be developed for use of this technology to manage urban forest resources.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Delaware's U&M program strives to promote the efficient use of all wood sources, both forest and recycled, and to promote the companies that conduct these activities.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**The Delaware Forest Service could not have a wood utilization and marketing (U&M) program without funding from the U.S. Forest Service S&PF program. RDTF funds provide for a portion of a forester's salary and allow us to promote and address U&M issues.**

What contributions of the program meet states/local issues and needs?

**One of the goals of Delaware's "Livable Delaware" initiative is to protect Delaware's rural areas and ensure a viable rural economy. The RDTF grant helps the DFS complete projects that address this goal.**

Products developed from the program. Special initiatives efforts/programs.

**1) Updated wood processors'directory. 2) Website to promote companies in the wood processors' directory. 3) Continued the study the potential for growing hybrid poplar and willow as an energy crop. 4) Continued to study the potential for applying municipal wastewater on loblolly pine plantations.**

Success Story #1

**The Delaware Forest Service utilized RDTF funds in FY01 to update Delaware's wood processors directory - a listing of timber buyers, primary and secondary wood processors, and consultant foresters that work in the state. This document will be printed and distributed in FY02.**

Success Story #2

**Delaware contracted with a consultant firm to develop a website to advertise the companies listed within the new wood processors directory. We hope this site will help to promote these companies.**

Success Story #3

**Delaware continues to work with the State University of New York (SUNY) to study the potential for growing hybrid willows and poplars as an energy crop. The study plot on Blackbird State Forest continues to be measured and analyzed annually.**

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**FL - 2001**

**Page 6**

Success Story #1

**County forester positions within the Division of Forestry have always diverse forestry responsibilities. Often times their priorities are shifted toward emergency situations that occur throughout the state, from hurricane relief efforts to management of insect infestations. For this reason we have developed a Forest Stewardship pilot program to help the county foresters enhance and maintain their Forest Stewardship outreach. Using Forest Stewardship Program funding we have been able to hire four part time employees, to assist in our Stewardship outreach efforts. These positions are two-year forest technician positions who are assigned to areas of the state that have historically shown strong natural resource management potential. Since they are funded through the Stewardship program, their responsibilities are clearly defined. They can not be pulled away from their primary duties of promoting the Forest Stewardship Program and assisting the county forester in administering the program. This pilot program is still in its infancy, but we are beginning to see improvements. Our past Stewardship Landowners are being contacted to help initiate practice implementation that will lead them to certification status. And many more new landowners are being educated on the benefits of properly managed natural resources.**

Success Story #2

**Traditionally, forest management information has been disseminated to landowners on a one on one basis, through publications, and by bringing landowners together in a workshop setting. Many times landowners are expected to travel great distances to attend a state sponsored workshop, because "house calls" are becoming more difficult to accomplish. This year the Division of Forestry fought against this trend by organizing a "traveling" workshop that we call the "Focus on Forestry Series".**

We worked to determine local forestry issues to address that would be of special interest the the landowners. We held the workshops on three consecutive nights, in three different locations. We brought the information to the landowners, instead of the landowners coming to get the information. We had nearly 200 participants for this set of workshops.

Success Story #3

Three years ago the Division of Forestry began a research project with the University of Florida, IFAS to study natural and artificial regeneration of pond cypress. Through a USDA Forest Service grant we were able to enter into a contract with the University that would allow them to collect harvest, and regeneration data on eight sites in Central and South Florida. Using this data we have been able to provide training workshop to public and private foresters and to incorporate a cypress reforestation initiative into our State Forestry Incentives Program. Cypress plantings have been given increased priority in the program.

Success Story #4

Since the Forest Stewardship Program's inception in 1990, Florida has encouraged the private sector to prepare Stewardship plans by providing a payment schedule for landowners to be reimbursed for plan preparation expenses. As the Program evolved this process became cumbersome and difficult to run efficiently. Starting in December 2000, we began a new system that allowed us to pay consultants directly for plan preparation. We have combined this new process with an increase in the amount we pay for each plan, and are now beginning to experience an increase in the overall number of plans prepared. To date Florida has 1349 landowners and 447,190 acres enrolled in the Forest Stewardship program, and 130 plans have been certified which translates into 84803 acres of Florida land being managed following the Forest Stewardship ethic. Florida also reports using multiple resource stewardship planning funds associated with the National Fire Plan to provide forest stand improvement recommendations to promote forest health and reduce wildfire risks to 647 landowners controlling 20175 acres. Florida also reports wildfire hazard reduction treatments on 164357 acres.

Success Story #5

Good, sturdy tree planting equipment is sometimes difficult to purchase and maintain with the constraints of a state forestry budget. Often times, Federal grants funds are the only method available to provide the resources to keep equipment up to date. Combining funds from several grants, Florida has be able to purchase 28 tree planters that will be used to assist private landowners throughout much of the state to plant trees on their properties.

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Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Success Story #1

Success Story #1: Deerfield Beach The City of Deerfield Beach, Florida obtained an Urban and Community Forestry (U&CF) grant from the Division of Forestry to supplement their "Community for Canopies Campaign 2000." The goal of the campaign was to improve the citizens understanding of the benefits of preserving the Urban Forest. The city created a "Guide to Proper Tree Care," to be distributed by direct mailings and handouts. The guide was targeted to homeowners, commercial

property owners, made available in city departments, given to tree service companies, distributed in schools, and given out at two large media events: Arbor Day and Environmental Awareness Day. Over 50,000 guides were distributed.

Success Story #2

**Success Story #2: Fort Pierce** The City of Fort Pierce, Florida is dedicated to maintaining a healthy tree canopy for its 38,000 citizens. It has an ambitious tree care program, with 28 employees in the Park Department assigned to manage the landscaping on hundreds of acres of city parks, roadways, and other city property. The city revised its tree ordinance recently to include a replacement and mitigation section. The City also recently completed a downtown revitalization project, coordinating tree planting and landscaping projects with local garden clubs. Fort Pierce also completed a major 5-mile road improvement project, and is landscaping the area with over 300 trees. Irrigation was not included in the road project, so the City applied for and received a \$15,000 grant to help purchase a 4,000 gallon water truck. The truck is being fully utilized throughout the city to maintain existing trees, and supplement newly planted ones.

Success Story #3

**Success Story #3: St. Lucie County** St. Lucie County started a program called "Treasure Our Trees of the Treasure Coast." The purpose of the program was to relocate trees from development sites to three Boy and Girls Clubs in the area, and Ft. Pierce Housing Authority home sites. The County received a \$15,000 grant to purchase a Vermeer Tree Spade. The grant was matched with a donated used Ford F800 truck, cash toward the purchase of the tree spade, \$6,000 worth of modifications on the truck, over \$1,000 worth of informational brochures, and \$2,700 worth of plants provided by Walgreen's as a mitigation requirement. Initial stages of the transplanting effort called for relocating 120 trees. The final goal is to impact all of the 800 housing authority homes with relocated trees.

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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## 2001 Narrative Report

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

### FM - 2001

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Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

#### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

#### Page 10

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

#### Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

#### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?



## 2001 Narrative Report

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

### GA - 2001

#### Page 6

##### Success Story #1

**The Stewardship Landowners group GROWS (Georgia Recognizes Our Woodland Stewards) held its first enrollment(350 members)and Statewide Conference. The Conference had 135 attendees.**

##### Success Story #2

**A virtual forest webpage was created. This gives stand descriptions with pictures and management recommendations for various timber types, ages and regions of the state.**

##### Success Story #3

**Georgia presently has 3285 landowners and 847992 enrolled in the Forest Stewardship Program. 149 landowners have been recognized as forest stewards in Georgia and 84414 acres have been designated as stewardship forests.**

##### Success Story #4

**77 landowners whose properties are found within the boundaries of the Chattooga watershed have received technical assistance from the Georgia Forestry Commission and implemented conservation practices to protect water quality on 2557 acres.**

##### Success Story #5

**Multiple resource stewardship planning funds have been used in White and Camden counties to assess and treat 3600 acres to promote forest health and reduce wildfire risks.**

#### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**The Forest Legacy Committee (a subset of the State Stewardship Steering Committee) developed the Assessment of Needs document. Six Forest Legacy Areas identified.**

##### Success Story #1

**Assessment of Needs approved by the US Forest Service.**

##### Success Story #2

##### Success Story #3

##### Success Story #4

##### Success Story #5

#### Page 10

##### Success Story #1

**The City of Jesup, Georgia in Congressman, Jack Kingston's District #1, used urban and community forestry grant dollars to complete a natural resources inventory and concept plan for the McMillan Creek Greenway. which flows through the heart of this small. but urbanized town in South Georgia.**

Geology, soils, drainage, vegetation, microclimate, hydrology, wildlife, ownership, and public access were analyzed. A technical advisory panel was formed with statewide partners, and approximately 65 citizens attended public planning workshops. "Responses from the community have been so enthusiastic that many people who own property in the greenway corridor have agreed to donate their land to the project" The managed greenspace will provide many economic, environmental, and social benefits in this city. The McMillan Creek Greenway has established links to existing diverse neighborhoods in this town and residents are working together toward a common goal.

Success Story #2

**Newborn Tree Board** The Georgia General Assembly passed House Resolution 387 by Representative Smith of the 91st District. The Resolution congratulated the Town of Newborn and the Newborn Tree Board on the occasion of it being named a "Tree City USA" by the National Arbor Day Foundation on February 17, 2001. The Resolution included the following, "WHEREAS, through the efforts of the board, more than 400 existing trees and 250 future planting sites were identified and a fund was established to pay for future plantings; and the town established Georgia's first Junior Tree Board under the direction of Denise Turner." Congressional District #11.

Success Story #3

**Georgia's First NeighborWoods** In a few years, Gwinnett residents will have it "made in the shade," thanks to Georgia's first NeighborWoods program implemented by Gwinnett Clean & Beautiful and their partners, the Gwinnett County Board of Commissioners, Gwinnett Departments of Transportation and Planning & Zoning, Gwinnett Technical College, and the Georgia Forestry Commission. The NeighborWoods program, which distributes free trees to homeowners, aims to create more street tree canopy in neighborhoods. This year, Gwinnett Clean & Beautiful received three grants, including one grant from the Office of Governor Roy G. Barnes, to kick-off the project in 7 neighborhoods. 14 more neighborhoods will be planted in 2002. Congressional District # 6, 11

Success Story #4

**Grassroots Tree Groups** Several new tree groups have emerged to assist their respective communities with urban forest advocacy and education. Tree Columbus, Inc. was established in January of 2001 by a handful of citizens who were concerned about the loss of community trees to development, both public and private. Education and advocacy will be the primary focus areas for Trees Columbus, and already an Executive Director has been hired and the group is participating on a committee to make revisions to the City of Columbus tree ordinance. Congressional District #2 Lori Henry of Roswell, who serves as a member of the city's Design Review Board, attended the statewide urban forestry conference and had her eyes opened to all that is taking place in urban forestry in Georgia. Recognizing the important work that can be done by independent tree groups, she returned home to establish the Roswell Urban Forest Foundation. Still in its formative stage, the group intends to educate citizens about the solutions trees bring to urban problems and to partner with the city in revisiting the tree and zoning ordinances. Roswell Urban Forest Foundation is also undertaking a tree canopy study. Congressional District #6 Another initiative just beginning is Trees Sandy Springs, which will be under the umbrella of Keep Sandy Springs/North Fulton Beautiful. Congressional District #6

Success Story #5

**Critical Forestland Project** "Using GIS to Identify Critical Forest Areas in Georgia Piedmont" was one of 15 projects that received funding from NASA to continue a land classification project in the 8-county Northeast Georgia Region. In addition, the project, originally funded with Forest Service dollars, received a National Association of Development Organizations(NADO) 2001 Innovation Award. Winning projects were announced in NADO News and highlighted in the Economic Development Digest, July/August Edition. Congressional District #10,11

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

The Urban & Community Forestry (U&CF) Program provides communities, large and small, with resources to help citizens become more aware and appreciative of the benefits of a healthy and sustainable urban and community forest. In 2001, the Urban & Community Forestry Program continued to offer new workshops and educational opportunities for foresters, citizens and partners. Annual Conference and Awards Program In November 2000, Georgia's Annual Conference and Awards program was held in Savannah, Georgia. More than 140 people attended the conference, "Georgia's Urban Forest: Our Heritage and Our Future" which featured the release of the Georgia Model Urban Forest Book. James Urban gave a keynote presentation and conference participants had the opportunity to provide feedback on the Georgia Model Urban Forest Book during a two-hour workshop. Experts from California, Florida, and Washington presented findings from their urban forestry research. Congressman Jack Kingston received the Elected/Appointed Official Award from the Georgia Urban Forest Council. Georgia's Model Urban Forest Funds were used to partner with James Urban Landscape Architecture to complete the Georgia Model Urban Forest Book. The project proposes a new development model for communities. The Model places trees at the same level of importance as other critical infrastructure and provides Georgia's citizens and local officials with the information and resources necessary to organize community support for the urban forest and plan for development with green infrastructure in mind. The book is divided into four chapters, Why an Urban Forest, Space for the Urban Forest, Building an Urban Forest, and Measuring Success. The Model is being presented to audiences across the state including engineers, architects, planners, and city officials. The Georgia Model Urban Forest Book received a 2001 Merit Award from the Georgia Chapter of the American Society of Landscape Architects, and a Georgia Planning Association Award for "Outstanding Special Community Initiative." Tree Board Development Important linkages between Tree City USA Tree Boards in the state of Georgia have been created. A Tree Board Reception was held as part of Georgia's Annual Conference. More than 25 Tree Board members attended and shared stories of their successes. Certificates of recognition were given for achievements. Five -Year Plan for Georgia's Urban & Community Forest A Five -Year Plan for Georgia's Urban and Community Forest 2000 - 2004 is being implemented by the Georgia Forestry Commission, Georgia Urban Forest Council and many other partners. The six key issues are being implemented are: • Reducing tree loss and conserving essential greenspace, • Understanding the resource value of trees, • Advocating proper tree maintenance, • Understanding and adopting local ordinances that regulate land development, • Incorporating professional expertise to promote sustainable urban forestry programs • Designing infrastructure with urban forestry in mind. Needs Assessment Following a Forest Service review of the Urban and Community Forestry Program in March of 2001, the GFC conducted a Needs Assessment to define its role in Urban & Community Forestry. Emerging issues were paired with the GFC's organizational structure, strategic direction, and resources. The results from this assessment were used to develop the Commission's budget proposal for 2003. Marketing Workshop and Initiatives Georgia Forestry Commission has contracted with Snowden & King Marketing Communications to assist Urban & Community Forestry Grant Recipients and tree groups with marketing their projects. A Workshop titled, "Reaching Your Community to Value Trees and Greenspace" was delivered in the cities of Macon, Columbus, Clarkston, Savannah, and Athens by the marketing consultant. The workshop was designed specifically to help create public awareness of the value of trees to residents, elected officials and resource managers. More than 90 Participants have learned how to create a marketing plan and campaign that helps them better communicate with target audiences and the general public. "On behalf of the CTC [Athens-Clarke County Community Tree Council], I want to thank the Georgia Forestry Commission and you for this opportunity, and for conducting the two marketing seminars lifting our awareness and placing the opportunity within reasonable reach. The process has energized the entire Council and regardless of outcome we are far ahead of where we were just months ago." Bob Barker, R.F. Chairman AC Community Tree Council Arbor Day Packet Again this year, the Urban & Community Forestry Program released a packet for Arbor Day 2001, Georgia's Arbor Day: Ideas, Materials, and Resources. The packet contains materials designed for Foresters or Rangers to easily distribute to schools, nonprofit organizations, Scout Troops, or tree boards. One-page tip sheets can be photocopied as needed. Discovering the Urban Forest Activity Books were distributed to schools and libraries across the state as a part of the packet. Grant-

**Writing Workshops** To assist organizations and local governments with the Urban & Community Forestry Grant Assistance Program, two grant-writing workshops were held in Baxley, Georgia in the southern part of the state and in North Fulton County, north of Atlanta. Past grant recipients presented their projects and tips for completing grant applications were provided. **Basic Tree Care Workshops** Georgia makes a special effort every year to use Federal dollars in support of a Basic Tree Care Workshop Series in cooperation with the Georgia Urban Forest Council and the Georgia Cooperative Extension Service. Through the Series, Dr. Kim Coder of the University of Georgia brings important information on tree care to a variety of audiences. Dr. Coder conducted a one-day **Trees And Construction Workshop** at Callaway Gardens, and he traveled to eight locations across the state. **National Urban Forestry Conference** To engage Georgia's community leaders in action-oriented programs that help build their urban forest, Georgia had more than 40 representatives in attendance at the American Forests National urban forestry conference in Washington, D.C., entitled "Investing in Natural Capital." The conference focused on public policies designed to increase natural capital, and the latest computer technology for measuring tree canopy cover and calculating its benefits. Georgia had 4 representatives that gave presentations at the conference. **Governors Millennium Grove** As cities and towns across Georgia celebrated Arbor Day by planting trees on Friday, February 16, 2001, Governor Barnes got in on the action by planting a live oak tree on the grounds of the Georgia Forestry Commission Headquarters in Macon. This planting marked the dedication of the Georgia Governors Grove, which honors all Georgia Governors by inviting them or their families to choose a tree to plant in recognition of their service.

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Efforts are being made to create markets for waste materials in order to increase jobs and reduce landfill volumes, and wildland fuels.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**information has helped a box mfg. utilize redbay, an underutilized species. without this technical information the mfg. would not have been able to use the wood.**

What contributions of the program meet states/local issues and needs?

**technical assistance and understanding is important. a source of referral to other specialized entities is an important attribute.**

Products developed from the program. Special initiatives efforts/programs.

**input has been provided to the traditional industries initiative in georgia to better the competitive position of the state pulp and paper industry.**

Success Story #1

**worked with a wood pallet processor to turn used pallets into mulch that can be sprayed different colors and sold in the atlanta markets. it created jobs and provided an outlet for unmarketable wood waste.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

**with limited funding, the counties are encouraged to utilize local materials for road crossings. the wood of choice in georgia is pressure treated southern yellow pine.**

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

**white county in ne georgia has been most aggressive in seeking federal wood bridge grants. by all accounts they are pleased with the results and would like to build additional wood bridges. Planning begun to implement research bridge inspection at SpiritCreek Educational Forest near Augusta. Involving GaTech, USDA FPL, GFC, GaDOT, and National WoodBridge Info Center**

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**need additional funding to meet the demands for substandard and/or obsolete county road bridges.**

## **GU - 2001**

### **Page 6**

#### Success Story #1

**Ugum Watershed (Bubulao) Several hundred acres of private land in Bubulao are being targeted for reforestation. The landowner agreed for fifty acres of the total acreage to be planted with Acacia auriculiformis this year. The property is sitting on the Ugum Watershed basin. It is a few miles north from the initial Ugum Watershed project site belonging to another landowner already planted with Acacia. Efforts are being made to convince the landowner to commit more acreage for reforestation. Numerous volunteers from George Washington High School, University of Guam, Department of Youth Affairs, Americorp, Cub Scouts and other non-profit contributed many man hours.**

#### Success Story #2

**Nursery Activities Provided the Forest Stewardship Program cooperators with a total of 31,645 seedlings and saplings of various tree species for conservation, wildlife habitat and aesthetics purposes. Five thousand five hundred one seedlings and saplings were given to schools and other entities for award presentations, science projects and community tree-planting projects. Two hundred thirty seven plants were sold to non-FSP cooperators. One thousand three hundred forty seven plants were given to the public for environmental awareness.**

#### Success Story #3

**FSP Cooperators Signed-up 6 new cooperators to the Forest Stewardship Program. Visited previous cooperators and provided them technical assistance. Only three management plans were prepared.**

#### Success Story #4

**Public Awareness Participated in some of the annual environmental awareness events. As usual, posters, brochures and other information pertaining to the FSP were disseminated to the public. It was well received by the people that attended the environmental awareness campaign.**

#### Success Story #5

### **Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

#### Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Masso Valley Wildlife Habitat Volunteers from the G.W.H.S. and University of Guam students rolled up their sleeves and planted two thousand eight hundred Acacia seedlings and eight hundred and eighty one saplings of shade, fruit and other indigenous tree saplings. The purpose of the project is to reforest eleven acres of the upper portion of the Masso Watershed area and enhance the Marianas Moorhen habitat. The planting site is located above an existing manmade pond. Converting the mostly grassland area into forest will also reduce the high occurrence of wildland fires and soil erosion.**

Success Story #2

**Liguan Terrace Planting Numerous residents from the housing subdivision banded together to beautify their place with trees. Three hundred fruit, shade and ornamental tree saplings were planted along roadways, in three different park locations and open green spaces. The neighborhood wanted also to increase the value of their properties by enhancing the surrounding environment with tree cover.**

Success Story #3

**Guam Visitors Bureau GVB plays a very significant role in the generation of revenue for the island. It is probably currently the most important Government of Guam Agency. The tourism industry is and will continue long into the future to be Guam's biggest moneymaker. Forestry is recognized by GVB as an important partner and is a member of the GVB Beautification Committee. GVB awarded a large sum of money to some villages for beautification projects. The Urban Forestry program will provide the tree seedlings for these projects.**

Success Story #4

**Ceremonial Planting Twenty shade tree saplings were donated to the Department of the Navy for tree planting on various Naval Commands honoring the victims that have died from the September 11th terrorist attacks against the United States. The use of trees once again expresses the importance trees have in our lives.**

Success Story #5

**Community Planting Projects One thousand five hundred seedlings and saplings were given to village Mayors, Schools, Churches and other non-profit organizations for their tree planting projects. Numerous volunteers from the community came out to plant trees along roadways, open spaces and on hillsides further inland.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**The chief forester gave a presentation to the Hotel Association of Guam about the Urban Forestry program and how it can help with the urban storm runoff problem in the Tumom village where all the major hotels are located.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being



## 2001 Narrative Report

addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## HI - 2001

### Page 6

Success Story #1

**Hawaiian Mahogany Co., Inc. Koloa, Kauai, Congressional District 2. The Hawaiian Mahogany Company, Inc., under the leadership of Bill Cowern, and made up entirely of local investors, is establishing 1600 acres of plantation forest in the Koloa area of Kauai to produce high-quality timber for local industry consumption. This project is successfully demonstrating that the use of nitrogen fixing trees as intercroops can completely eliminate the need for inorganic fertilizer applications on the young plantations. In addition, Hawaiian Mahogany, Inc. has identified local markets for the timber that is rapidly produced from the Albizia intercrop trees. The wood, which treats easily and does not splinter, is processed and sold as fenceposts and decking material.**

Success Story #2

**Lanaihale Restoration Island of Lanai, Congressional District 2. Castle & Cooke Resorts (formerly d.b.a. Lanai Company, Inc.) is partnering with the Department of Land and Natural Resources, the Nature Conservancy, the residents of Lanai, and many others through the Forest Stewardship Program, to protect and restore the only significant forested watershed on the island of Lanai. Program funds are contributing to the construction of a perimeter fence around the 3,588-acre primary recharge area of the watershed to exclude axis deer that browse on forest foliage, and trample young seedlings, preventing forest regeneration and causing extensive soil erosion. In addition, the Program will provide for the restoration of native forest vegetation on areas that have been degraded due to years of drought, heavy deer traffic, and the invasion of aggressive non-native plant species. Specific project objectives include: water resource/fog drip protection and enhancement; native species-forest/wildlife protection and enhancement; soil protection/erosion control; control of undesirable nonnative species-plants/feral animals/rodents/insects; and educate community and visitors to appreciate and conserve Lanai's remaining native resources.**

Success Story #3



**H&G Koa Enterprises Hamakua Coast, Congressional District 2. H&G Koa Enterprises, under the direction of Ms. Gwendolyn Hill is establishing a 10-acre plantation of genetically superior native Acacia koa on degraded pastureland above Paauilo, on the Hamakua Coast of the Big Island. The project's primary objectives are: To produce quality koa timber for local industry consumption; to establish superior seed sources for future koa production; and to research various silvicultural treatments of koa. After just three years of growth, the property resembles a young koa forest and one can easily walk under the tree canopy that completely shades the ground, preventing further weed competition.**

Success Story #4

**Kopua Forest Restoration Puna District, Hawaii, Congressional District 2 The primary objective of the Kopua Native Forest Restoration project is to protect and restore forty acres of native low elevation ohia forest near Mountain View on the Big Island. The project area is located within the Kopua Farm Lots subdivision that is zoned for agricultural use. The parcels within the subdivision were recently sold to a large number of individual landowners with various intentions for residential or agricultural development. It is likely that increased activity and disturbance in the area will result in the establishment and spread of a variety of invasive non-native plant species similar to those that threaten remnant native forest areas throughout Hawaii. Also, as in many forest areas, feral pigs frequently dig up the forest floor in search of food, destroying native forest regeneration. The applicants, Dr. Laura Brezinsky and Sara Barwise, are committed to maintaining their land as a healthy, biologically diverse native forest area for demonstration, conservation and educational purposes. They have developed a technically sound plan for strategically removing weeds from the property and replacing them with native vegetation. They have thoroughly researched trail construction methods used for similar projects and designed a series of trails that will provide access for a variety of demonstration and education activities.**

Success Story #5

**Continental Pacific, LLC Mountain View, Hawaii, Congressional District 2. Continental Pacific, LLC is receiving assistance to establish a number of small research trials on 58.9 acres of former pasture land to determine which species will perform best at this and similar sites for the purpose of high-quality hardwood timber production. Trials will also seek to detect genetic variation among provenances within species by comparing the growth performance of seedlings from a variety of parent sources. The project's primary objectives are to determine which species perform best in this area, where there is a lot of agricultural land that could be used for timber production, and to select superior trees that will be managed to produce high-quality seed for local growers and landowners. In addition, Continental Pacific intends to test a method for establishing forest plantations in areas that have been taken over by thick stands of strawberry guava It is hoped that the availability of such information will reduce potential forestry investor risk perceptions and encourage other private landowners in the area to establish plantations of higher-value hardwood species. All such efforts are contributing to development of a viable and sustainable supply of hardwood timber for Hawaii's developing forest industry.**

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**Hawaii received its first Forest Legacy allotment in FY2000 (\$1 million). This enabled us to begin work on our first Forest Legacy acquisition, with assistance from the Nature Conservancy. Our Department is currently attempting, through the Forest Legacy Program to protect a very large area of relatively intact native forest in the South Kona District of the Big Island. There are three key properties that are currently prioritized. Two of these, the Kopua and Papa tracts are near to being protected by USFS Conservation Easement acquisitions. The third property, a much larger piece is being proposed as a joint USFS/US Fish & Wildlife Service acquisition. Protection of these properties**

would create a 44,000 acre area of contiguous, relatively intact native forest area that stretches from sea level to about 5,000 feet on the slope of Mauna Loa.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Lihue, Island of Kauai, Congressional District 2. Rotary Club of Kauai – Rice Street Intersection & Kuhio Highway & Kaunualii Highway** This highly visible intersection is considered the crossroads of Kauai. When the project was being developed there was no funding included in the plans for plant material. When the Rotary Club of Kauai applied for and was awarded a Kaulunani grant the funding became a catalyst for beautification dollars from many other sources including the County of Kauai, the Kauai Businessmen’s Association, State Department of Transportation, Kauai Nursery and Landscaping and the Rotary Club.

Success Story #2

**Kailua-Kona, Island of Hawaii, Congressional District 2. Kona Community Hospital – in Kailua, Kona on the Island of Hawaii, commonly referred to as the “Big Island”.** Project Title – Healing Garden The Hospital’s goal was to create a special garden where patients, staff and visitors alike could bask in the beauty and peace such a garden could provide - a true “healing” atmosphere and place to replenish the soul. This project had substantial cash and inkind support from the community and was completed on “Make A Difference Day” in 2000.

Success Story #3

**Honolulu, Island of Oahu, Congressional District 1. The Outdoor Circle – Tropical Urban Forestry Master Plan** Green Hawaii is a coalition of green industry community groups, professional organizations, businesses and public agencies whose mission is to protect and increase open space, promote the planting of more trees and the creation of landscapes on public and private properties to improve Hawaii’s reputation for beauty. The goal of this grant was to develop a master plan that offered guidelines on how to care for Honolulu’s tropical urban forest. The benefits of the plan include: developing an integrated, coordinated approach to management of the urban forest, ensuring the protection and management of the urban forest, identifying stable funding and management resources, maximizing and expanding the urban tree canopy, developing an adaptable and responsive plan, and defining the benefits to assist decision makers who make funding choices.

Success Story #4

**Invasive Species Initiative – The Kaulunani’s Strategic Planning effort** directed the program to find ways to involve the urban forestry industry in the invasive species issues. Key leaders from industry groups were invited to a 2-day workshop to (1) help them understand the problem, (2) develop policies and methods to achieve voluntary compliance by the industry, (3) determine trees to be scored and define solutions and needs (4) develop educational tools for the industry and community. This meeting, while delayed until December, 2001, because of the September 11th tragedy, is important to mention because of the acceptance by the industry to participate.

Success Story #5

**I. When \$150,000 in Title VIII monies became available, four projects were approved for funding: 1. OAHU (District 1): UH/DOFAW – Using the Weed Risk Assessment System for Making Urban**

**Forestry Planting Decisions. 2. OAHU (District 1): The Outdoor Circle/City and County of Honolulu – Tropical Urban Forestry Management Plan Component. 3. OAHU (District 1): Honolulu Botanical Gardens – Urban Forestry Enhancements. 4. MAUI (District 2): County of Maui – County of Maui Urban Forest Inventory.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Arbor Day and Arbor Day Poster contest This was the first year for the Arbor Day Poster Contest and is included because of the efforts and energy of 5th graders across the state. Right Tree Right Place Expanded Arbor Day Booklet – This Arbor Day booklet was developed in conjunction with Hawaiian Electric Company Inc. and is given out at all Arbor Day programs across the state. Honolulu Tropical Urban Forestry Master Plan primer - This plan will determine and direct the work necessary to define the critical urban forestry issues on Oahu and to review and assess Honolulu’s urban forestry needs and to formalize the elements of a tropical urban forestry master plan.**

### Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## IA - 2001

### Page 6

Success Story #1

**Forest Stewardship program in Iowa expanded into total land management by assisting 152 forestland owners with prairie management on 4,227 acres. This includes prairie restoration and remnant protection - including savanna management**

Success Story #2

**A total of 13 forestry field days were jointly presented with Iowa State University Extension Forestry and Iowa DNR Forests and Prairies across the state. These half to full day sessions involved 624 Iowa forestland owners. The Iowa DNR and ISU Extension were also involved in coordinating/presenting**

at three regional stewardship conferences in Sinsinawa, WI, Nebraska City, NE and Quincy, IL.

Success Story #3

The Master Woodland Manager Program was offered and taught by Iowa State University Extension Forestry and Iowa DNR Forests and Prairies in the Howard county region in the Spring and in the Washington-Johnson County region in the Fall. Participants (57) completed 32 hours of training and will give back at least those hours in community service. To date Master Woodland managers have given back more than 17,800 hours of community service to Iowa forests.

Success Story #4

The Forestry Enhancement Program funded by a \$.05 on every conifer and \$.10 on every hardwood tree and shrub sold from the State Forest Nursery provides funding for 5 enhancement/service foresters across the state. They have increased outreach and participation in riparian buffer strip installation, tree plantings, TSI and other stewardship effort.

Success Story #5

The stewardship program has taken the lead in working with other organizations on Invasive Species issues in Iowa. A broad working group from aquatics, prairie, woodlands, entomology and mammals has established a matrix of invasives of concern, and held a Invasive Species Tour in Central Iowa to raise awareness. Demonstration efforts at state parks and local park are being pursued with many partners. A scientific article on forest invasives threatening Iowa was co-authored with the Iowa State Entomologist and was accepted by the Iowa Academy of Science with a publication date of Spring 2002.

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Iowa is in its final stages of completing its Assessment of Need. The draft was approved by the Forest Stewardship Committee and public hearings and comments were received. Plans are to have it completed by November 30,2002.

Success Story #1

The Iowa DNR and The Iowa Natural Heritage Foundation (NGO) have been cooperating in identifying landowners around Yellow River State Forest (within 5 miles)and determining forest stewardship needs/interests and interests in permanent protection (easements/fee acquisition). Six landowners have been identified as potential legacy projects through a joint Iowa DNR/Iowa Natural Heritage Foundation communications effort in the proposed Driftless Forest Legacy Area. No specifics on the number of acres, etc. are available at this time.

Success Story #2

Through a partnership with the Iowa Natural Heritage Foundation, an area of 5 miles surrounding Yellow River State Forest in the proposed Driftless Forest Legacy area has been surveyed to determine landownership demographics as pressure on land sub division is occurring. DNR Foresters prepared letters inviting these landowners to attend a special forestry field day where conservation easements were discussed. Foresters also offered special forest stewardship planning efforts in this area. Results are still preliminary. The contribution of the INHF and the Iowa DNR in working with this effort - totals approximately \$20,000 in in-kind non federal funds.

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**A state funded program called "A Million More by 2004" provided \$250,000 to implement a community tree planting grant program. A total of 83 local community tree projects planted 4,952 landscape trees. An additional \$14,767 from Alliant Energy helped an additional 10 projects plant 616 landscape trees. Local communities matched the grant funds with over \$362,000 in local funds. DNR foresters assisted local communities in awareness of the program, proposal planning, review and final inspection.**

Success Story #2

**A total of \$55,000 was donated to the Iowa DNR by MidAmerican Energy, Peoples Natural Gas, Alliant Energy, Iowa Nursery and Landscape Association and others for implementing the 11th year of the Trees For Kids and Trees For Teens program. TFK and TFT provide tree educational materials to elementary and secondary schools (public and private) and the opportunity to work with local nurseries and business partners to plant trees for Earth/Arbor Week. A total of 9,414 teachers received the materials and with their students established 46,597 landscape trees and 23,686 seedlings on public areas across the state.**

Success Story #3

**The DNR coordinated fund raising and project implementation with residential tree distribution programs in cooperation with local County Conservation Boards and volunteers in Linn (Cedar Rapids metro), Polk (Des Moines metro) and Pottawattamie (Council Bluffs metro) counties. These residential tree programs offer 6-8 foot tall containerized landscape trees to residents at 1/2 price for planting on their property. A total of 525 trees were distributed to 280 Alliant Energy households in Linn County. A total of 501 trees were distributed to 501 households in Polk County. In Pottawattamie County over 1200 trees were distributed to 680 households. The retail value of these trees would be \$155,820.**

Success Story #4

**Two community tree steward programs were held in Fort Dodge and Iowa City areas under contract with Iowa State University Extension Forestry. A total of 51 individuals received 24 hours of training in urban forestry. Since 1992, the 462 graduates have given back 12,800 in community service.**

Success Story #5

**In cooperation with Governor Tom Vilsack Office, the Urban Forester coordinated a tree planting in 20 Iowa communities as part of the Governor's walk across Iowa. In addition, the DNR worked with MidAmerican Energy in distributing 100 Famous and Historic Trees to each county conservation board in Iowa (99).**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**The Iowa Urban and Community Forestry Council held its 11th annual Community Forestry Awards Program. This program featuring Lt. Governor Sally Pederson honored the outstanding volunteers, professional, volunteer organization, media partner, business partner and school project, as well as representatives of 119 Iowa communities that received Tree City USA status. The council also honored the top tree finalist in the State Arbor Day Poster Contest and their families. A total of 350 people were in attendance.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Enhance the conservation of forest resources through value added processing, while converting those resources into marketable goods and services. Promote tourism involving the forest resources to generate local economic development. Improve access to technology transfer assistance. State Forester collaboration with non profit organizations.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**The statewide forest products conservation and recycling program is conducted by a staff forester. The program is funded through federal/state funds in the Rural Development Through Forestry Program**

What contributions of the program meet states/local issues and needs?

**It helps create rural economic development opportunities and potential employment for small sized natural resource based businesses. Increases tourism involving natural resources and marketing through value-added products.**

Products developed from the program. Special initiatives efforts/programs.

**Continued value-added marketing of wood residues and retaining employment are the main products. Increased efficiency and utilization of wood products manufacturing will help to extend the resource and its sustainable management.**

Success Story #1

**Submitted on a separate narrative format for the Rural Development Through Forestry Program for Iowa to Lew Mc Crey in Morgantown, WV**

Success Story #2

**Helped to coordinate the logistics and communication for the National Governor's Association conference on Private Lands, Private Benefits conference help in March, 2001 in Washington, DC.**

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (p rocesses and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**ID - 2001**

**Page 6**

Success Story #1

**The Idaho Forest Stewardship Program sponsored nine different workshops on a wide range of forestry topics for over 400 participants in many locations around the state, and created an additional 66 Landowner Forest Stewardship Plans covering 5,242 acres for private forest owners.**

Success Story #2

**The Idaho Forest Stewardship Program held a forest owners field day which drew 200 landowners for demonstrations, classes and exhibits on all aspects of forest management.**

Success Story #3

**The Idaho Forest Resource Management Program hosted the Idaho Forestry Contest for over 200 youth competing on coached teams in such events as timber cruising, log scaling, compass and pacing, insect & disease ID, map interpretation, soil interpretation, and plant ID.**

Success Story #4

**The Idaho Seedlings, Nursery and Tree Improvement Program continued progress in the establishment of a new cooperative western white pine seed orchard, and reserved 92 additional ponderosa pine trees in a progeny test site to collect materials for a new USDA-FS cooperative seed orchard.**

Success Story #5

**Through leadership of the Idaho Department of Lands, 76,492 acres was assessed and treated for a Tussock Moth outbreak on 484 adjoining owners, including industrial, non-industrial, and state lands.**

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**ID is not funded for this program.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**The Idaho Department of Lands (IDL) and Idaho Transportation Department (ITD) partnership had a successful second year. The \$100,000 of Federal transportation enhancement funds financed ten projects across Idaho. Projects included Community entrance beautification, street tree planting, landscaping a park & ride lot, several green ways and landscaping public buildings and a park along major highways. Grants ranged from \$3800 to \$15,000 and required a 10% cash match. There were applicant requests for a total of \$198,384. The ITD Board of Commissioners extended the program for two more years at their winter meeting.**

Success Story #2

**The Resource Conservation & Development (RC&D) Councils in Idaho have been one of the strongest partners in the Idaho Department of Lands' Community Forestry Program. Cooperative agreements with seven RC&D Councils in south Idaho have been in place for three years to provide technical assistance to communities in their counties. This year a third cooperative agreement was established with the two north Idaho RC&D Councils to expand this service to communities in the five mid-north Idaho counties.**



Success Story #3

Idaho had the second largest increase in Tree City USA communities in the Nation. The 13 new communities were honored at the Awards Ceremony at the Association of Idaho Cities Conference in Nampa, Idaho in June. The Idaho Community Forestry Advisory Council decorated the banquet hall with seedling and balloon centerpieces for each table, TCUSA flags and banners on the walls and head table and potted nursery stock flanking the head table. It was a festive occasion and the centerpiece seedlings were awarded to a person at each table. There are 43 Tree City USA communities in Idaho and it is anticipated that the total will pass 50 at the end of 2001.

Success Story #4

US Bank Corporation continues to partnership with the Idaho Department of Lands to encourage and assist Idaho communities to celebrate Arbor Day with grants of \$150. This a fund matching project that is in its fourth year. The US Bank donation is matched with funds from the Idaho Community Forestry Trust Account. The partners planned to fund 50 grants but when 67 communities applied, US Bank said, "Let's fund them all." The corporation's contribution was \$5,025. Many local bank employees participate in their community's celebration.

Success Story #5

The Idaho Department of Lands Community Forestry Program has been active in assisting Idaho communities along the Lewis & Clark Bicentennial route to prepare for the up-coming three-year celebration. The funds are derived from special allocations designated by the Forest Service for the Bicentennial celebration. The projects include "Gateway Groves" at Lewiston and Salmon and a series of resource and historical interpretive displays along US Highway 12 and the Trail Route itself. The interpretive program is in cooperation with several local communities, counties and the Forest service. Arboricultural assistance has also been provided to other communities along the route to help them welcome the expected rush of visitors.

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

The two Community Forestry Assistants in south Idaho have planned and participated in 13 workshops on a variety of UCF subjects including Benefits of Trees, Tree Selection, Planting, Tree Care, Hazard Tree Evaluation and Inventories. they have made presentation to 17 city councils and tree boards and 7 RC&D groups of varying size. IDL field people have assisted with Arbor Day Celebrations and Tree City USA Award ceremonies in 9 communities. The Idaho Community Forestry Advisory Council continues to take an active part in the State's program

Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**This data is in the EAP Data Base.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

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Success Story #2

Success Story #3

## 2001 Narrative Report

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

**This data is in the EAP Data Base, and Idaho did not have any WIT projects in FY 2000.**

Narrative Analysis: How has the program (processes and outputs ) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## IL - 2001

### Page 6

Success Story #1

**Continue to contract with consultant foresters to develop forest stewardship plans for private landowners statewide.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 10

Success Story #1

**IDNR contracted again with Davey's Tree Service to provide on-line tree service to 20 communities statewide. This service provides the communities with computerized tree inventories and information for an urban tree management plan. District foresters, interns, community employees and volunteers conduct the inventories.**

Success Story #2

**Hired a second Urban Forestry Volunteer Coordinator for volunteer coordination in Central and Northern Illinois. Still have a volunteer coordinator for Southern Illinois. Statewide coordination.**

Success Story #3

Success Story #4

## 2001 Narrative Report

### Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

### Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

### Success Story #1

### Success Story #2

### Success Story #3

### Success Story #4

### Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## IN - 2001

### Page 6

#### Success Story #1

**Forest Stewardship Challenge Grant Cost Share Program – 1999 was the first year the Indiana Division of Forestry used stewardship funds to sponsor local cost share programs. The success and enthusiasm generated by this program prompted us too offer the Challenge Grant Cost Share Program in 2000. We received more applications than we could fund. We approved four applications for funding using \$55,000 of stewardship funds. The four local groups involved (Lincoln Hills RC&D, Wells County SWCD, Wood – Land – Lakes RC&D and Madison County SWCD) contributed \$27,000 to the cost share program. This total (\$82,000) combined with a 50% match from landowners totals \$164,000 worth of “on the ground” accomplishments. This program has the potential to accomplish 1,850 acres of Timber Stand Improvement and 135 acres of tree planting in Indiana. This program has stimulated a lot of participation in the local forestry communities. The Indiana Division of Forestry will not offer this program for the utilization of 2001 Stewardship Funds. Congressional Districts - 2,3,4,8 and 9**

#### Success Story #2

**Indiana Forest Stewardship Grant Cost Share Program (KIP) – For several years, Indiana has been utilizing stewardship funds to fund the KIP program. Using 2000 Stewardship funds we set aside \$26,000 dollars to provide Timber Stand Improvement and Tree Planting cost share assistance for landowners. Combined with \$26,000 from landowners we will be able to accomplish \$52,000 dollars worth of Timber Stand Improvement and Tree Planting for Indiana landowners. By using stewardship funds as a cost share program, we can accomplish over 800 acres of tree planting and**

**Timber Stand Improvement with \$26,000. These two basic forest management activities will help ensure the future growth and quality of Indiana's forest resources. Congressional Districts - All Counties Eligible.**

Success Story #3

**Stewardship funds have been used to provide technical assistance and support of stewardship programs. None of this money was used for administrative overhead. This technical assistance has resulted in approximately 600 stewardship plans on 16,000 acres. This has been accomplished by hiring young foresters who have completed certain forestry-related classes or foresters who have just graduated from college. The foresters are hired on a part time basis to meet with landowners, find out the landowners objectives and then write stewardship plans to help the landowner achieve their objectives. The local district forester reviews all plans before they are sent to the landowner. Congressional District - All Counties Eligible.**

Success Story #4

**Jayson Waterman was the NA CFM Forester of the Year for 2001. Part of his success has been the wise use of stewardship funds in his district. In 1999 Jayson started working with David Buck a farmer and landowner in Wayne County, Indiana. Mr. Buck's property is located just north of Connersville, Indiana and is situated on both sides of a "blue line" stream. Mr. Buck had pastured cattle and raised row crops adjacent to the stream for many years. With the help Jayson, Mr. Buck was introduced to the CRP Riparian Buffer Program and accepted. Mr. Buck stopped grazing cattle and raising crops and agreed to plant trees along both side of the stream in the spring of 2000. The narrow buffer created by CRP left approximately 21.5 acres of tillable ground and pasture that was not accessible or too small to farm. This is where the Indiana Forest Stewardship Cost Share Program (KIP) was able to help. Jayson signed Mr. Buck up for an additional 21.5 acres of tree planting to widen the buffer created by CRP and finished planting several odd shaped pastures. Mr. Buck was thrilled with the final product and has since spread the word to several neighbors along the same stream, who are now implementing stewardship activities with the help of the district forester. Congressional District - 2**

Success Story #5

**The Woodland Steward Newsletter has been one of the fastest growing forestry publications in the last decade. This 16-page newsletter is published quarterly by the Woodland Steward Institute and is now distributed to over 25,000 forest landowners in Indiana. In addition thousands of individuals subscribe to the newsletter on-line. The Institute is a coalition of 11 conservation organizations promoting the stewardship of Indiana's forest resources. The Forest Stewardship program has been instrumental in development of landowner databases, printing and distribution of the newsletter. The newsletter can be viewed at the Institute's web site: [www.inwoodlands.org](http://www.inwoodlands.org) Congressional Districts - All Counties Eligible**

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Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**Narrative analysis: Conducted an open FLP application period ending January 31, 2001 for FY 2002 funding. Immediately followed with 2003 funding application period to end 1/31/02. Application packets are now available directly from the Division of Forestry web site. Several presentations given around the state on the FLP and the use of conservation easements as a land conservation tool. Provided a non FLP challenge grant for the startup of a new land trust in East central Indiana. The FLP is now represented on the Indiana Land Protection Alliance - a loosely formed group of Indiana land trust and related entities.**

Success Story #1

**Closed on three donated conservation easements totaling 429 acres. One of these tracts is in a Forest Legacy area. The other two found the Forest Legacy program so appealing they decided to donate a conservation easement, modeled after the goals of the FLP, to the State of Indiana. There are two success stories here. One is the donation of 142 acres conservation easement and landowner's approval to use this as match for FLP purposes. The other is the spin-off affects of the FLP which is filling an need outside designated FLAs.**

Success Story #2

**Forest Legacy Program serves as a model for new land trusts. At the time Indiana joined the FLP there were 5 land trusts operating in the state. In the last 3 years that number has doubled and more are on the drawing boards. Indiana's forest legacy program has been instrumental in that growth. The open FLP application, project prioritization process and sample easements for working forests have been a source of technical and administrative information for the fledgling land trusts. Close working relationship with these land trusts, whether or not located in designated FLAs, will continue to be a goal of the Indiana FLP program, as we move toward the common goal of conserving Indiana's important forest lands.**

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Success Story #1 Teen Tree Stewards—Indianapolis Juvenile Correctional Facility, Carmel High School Congressional districts involved –all 10 “I really liked how you treated us as regular teenagers instead of just inmates at a correctional facility.” These words were spoken by Dannette, an inmate at the Indianapolis Juvenile Correctional Facility. She and twelve other teens were enjoying a day at Fort Harrison State Park where they spent 8 hours of interactive, energetic activity learning more about trees. Teen Tree Stewards (TTS) is a branch of the Indiana Community Tree Steward Program sponsored by the Community and Urban Forestry (CUF) program and co sponsored by the Indiana Urban Forest Council. The program was developed by staff of the CUF Program and the Conservation Education Program in order to begin to interest teens in urban forestry and service to their communities. The course is one of basic tree care, and the teen promises to commit 10 hours of volunteer service to their local or state urban forestry program. Many of the teens were being released from custody in a few weeks, and a few were interested in going home to their communities and sharing information about the benefits of the urban forest. Others were going to inventory the trees on the grounds of the Girls School and encourage administrators to begin a tree care program that would benefit and beautify the campus. The other Teen Tree Steward group was from an environmental class at Carmel High School. The Principal gave students permission to attend TTS during a school day. The teacher became so excited about the program that she herself went through the adult tree steward program prior to taking her class through TTS. The Carmel students were introduced to their city forester, Tree City USA, and encouraged to apply for a youth position on the local tree board. The city forester helped the group on their school grounds as they did some monitoring and inventoried their campus urban forest. Both facilities want to be involved in TTS again because it gives students an opportunity and the knowledge to do something positive for their community or school.**

Success Story #2

**Success story #2 Evansville Mayor runs on Tree City platform and WINS! Congressional District # 8 Evansville, population 126,000 had a tough, nine-year battle to get a public tree care ordinance passed. The city had a non-profit who spent about 1/3 of their time on urban forestry activities, promotion, and tree planting. Operation City Beautiful wanted so much to be a Tree City USA and**

begin a proactive, tree care program, but that dream remained unrealized. That is until Russell Lloyd decided to run on the Tree City USA platform. His pledge to voters that if he became Mayor, the ordinance would be passed, a city forester hired, and the community would finally be recognized as a Tree City USA. The staff at Operation City Beautiful immediately called the CUF office with the news that the candidate was running on this platform and that the voters were excited. When the votes were cast, Mayor Lloyd kept his promise and Evansville fulfilled all the requirements to become a Tree City USA. The city had a fantastic celebration and was honored when State Forester Burney Fischer made a special trip to their community to present the Tree City award to them. Since that time, the new City Forester is making plans to inventory the city trees and develop a management plan. It was very special to see and hear the enthusiasm of the community and the volunteer who worked so hard to achieve the status of becoming Indiana's 41st Tree City USA.

#### Success Story #3

**Success Story #3 Anderson Mayor initiated Tree Planting Target Zones Congressional district #2, population 59, 549 Anderson has a City Forester, an Assistant City Forester, a strong Tree Commission, and a Mayor who wants to revitalize the many under served neighborhoods in this community. He came up with the idea of tree planting, beautification target zones. The idea is that trees will be planted and the residents that have a tree put in front of their home will maintain it. When the planting is finished, the neighborhood gets a special tree planting target zone sign and a sense of pride. According to City Forester, Tamera Doty, most residents come out to help on planting day and are proud of their new tree. Doty and her staff and volunteers then have the opportunity to "spread the good word" about the benefits of the urban forest and proper tree care. Anderson was recognized by the Indiana Urban Forest Council (IUFC) and the Indiana, DNR, Division of Forestry for this innovative program when they were presented with the IUFC Project of the Year Award.**

#### Success Story #4

**Success Story #4 Hoosier ReLeaf—impacts youth at risk Congressional Districts involved include all ten We have worked with Hoosier ReLeaf for about ten years now, and have seen it grow from a few members who raised dollars with a yearly auction to an energetic program that is recognized throughout the State. The organization has one of the two Regional Grow Out Stations sponsored by the National Tree Trust. However, since the founder and President of the group is a nursery owner, recipients of the trees get 2-3 gallon containerized trees when they go to pick them up. That is because the owner deeded the land the RGO is on to the group and has Allen County Tree Stewards, other volunteers, and interns repot the seedlings and keep them until they are big enough for communities to plant and not be concerned about the trees being run over by mowers or stepped on or the many other things that can happen to seedlings in a community setting. To enlist more help and to make a difference, the group applied for a grant that would enable them to work with youth at risk. The project is a joint venture with Hoosier ReLeaf, Youth Services Center of Allen County, Deer Run Academy, and other volunteer schools and groups in the community. Environmental education for At-Risk youth will include field trips and a chance to work at the RGO. Students also have the opportunity to learn some potential job skills with hands on, interactive workshops led by the interns. This is an innovative project that will impact the RGO station with the TLC it receives from the students, give the students a chance to learn about urban and rural forestry, and provide healthier trees for those communities from all over the State that make the trip to this RGO to pick up their trees, transport them home, and enrich their urban forest.**

#### Success Story #5

**Success Story #5 Congressional District-all ten The Indiana Urban Forest Council has come a long way in ten years. From a fledgling group supported and nurtured by the CUF program to a sophisticated group who is now a major player in urban forestry in Indiana. I take great pride in the fact that I am now their advisor, and that it is a strong group with a working board that I can look to for assistance in positively impacting the urban forests. This group has been able with USFS funding to send about 50 of their members to state and national conferences, sponsor a very informative annual conference yearly. sponsor and co sponsor other events. develop promotional products for**



sale to our Tree Cities and non profits sponsoring Arbor Day events, co sponsor Tree Stewards, Teen Tree Stewards, and the workshops developed by CUF. This is a strong group, the IUFC is the umbrella that our non-profits, volunteers, tree boards, consultants, city foresters, tree cities, utilities, and communities establishing programs fit under. The group is an integral part of Indiana urban forestry, and I look forward to working them and involving them more in decisions for Indiana urban forestry.

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

The CUF program is working on producing with various partners: Indiana Urban Species Selection brochure, produced by Indiana City Foresters. Target date: Summer 2002--Best Management Practices for Indiana Urban Forestry, being produced by the City Foresters, CUF, Indiana Arborist Association, and the Indiana Urban Forest Council--target date, summer 2003--Right Tree Right Place campaign--currently committee composed of utilities (investor owned and municipals), Department of Transportation, City Planners, Indiana Arborist Association, Indiana Urban Forest Council, CUF, and Landscape Architect group for Indiana. This project will include hiring a consultant to produce a presentation for hardscape conferences, city planners, and L/A conferences. No target date has been set since we are still in the discussion stage or what our final product should be. The CUF Coordinator and Urban Forester has designed an inventory spreadsheet data collection system in Access and is pilot testing it with consultants. When the pilot tests are completed, we will have a computer workshop for interested consultants who want to offer a simple inventory system for smaller communities in the state who do not have the staff capability to maintain the more sophisticated inventory programs that are currently on the market. Target date, Spring 2002. All of these projects are being coordinated by the CUF staff. We are excited about having urban forestry information available to our communities that are unique to Indiana.

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

The programs and projects we deliver in an effort to address the Indiana Division of Forestry's U&M program closely parallel those same strategies of the FPC&R Program. The majority of our initiatives focus on efficiency, sustainability, and assisting communities in and around our forest resources. Mill efficiency and SPC studies are provided to show industry where there are areas in which they may be able to improve as well as those areas they are already efficient. These studies also assist the mill in showing the benefits of tracking the areas addressed in the mill studies. We also assist those who are looking at entering or expanding business within the forest products industry. We provide FIA data interpretation for those inquiring as to resource volumes and availability. Non-traditional customers such as lending institutions, planning boards, county commissioners, and zoning boards can also utilize FIA data. The level of awareness needs to raise, as these groups can benefit from a variety of FIA data. Both technical information and referrals are given to those in the area of forest product business start up and marketing.

Describe the extent to which technical and financial assistance contributed to program outcomes.

We rely very heavily on both the financial and technical assistance offered by the FPC&R Program. The majority of our programs could not be delivered if for the Technical Assistance monies as well as information and advice from FPC&R personnel. Our current State budget is not large enough for us to deliver the programs needed by our customers, so the assistance from FPC&R is vital. Requests for information from our shop to FPC&R personnel is returned quickly and professionally. If the situation arises, referrals are given to us if we need additional information.

What contributions of the program meet states/local issues and needs?

Very near 100% of our programs are designed to meet the needs/issues originated within the State. The assistance reaches individuals, businesses, and communities within the forest community. We



work closely with both forest industry organizations and local universities to address the concerns from both of these groups to coordinate programs designed to meet those concerns or needs.

Products developed from the program. Special initiatives efforts/programs.

Through assistance from the FPC&R program, we have developed a 60 point BMP monitoring form to use after the timber harvest has been completed. Both application and effectiveness are addressed on the form. Currently all harvests on State Forest property are monitored for BMP application and effectiveness. We plan to use the information from the monitoring to educate people that we (IN DoF) are managing our State Forests in the best possible way. Future plans are use FPC&R Technical Assistance dollars to begin monitoring effectiveness as to validate and provide credibility to our BMP Guideline publication. In other words, provide scientific results to back up the guidelines.

Success Story #1

We utilized FPC&R Technical Assistance dollars to co-sponsor workshops with Purdue University. The topics were: Log, Lumber, & Tree Grade workshop – a 2-day workshop that first looked at lumber grades and tree grades per US Forest Service rules. We then used that knowledge to grade a number of logs at a local mill and identify external defects. Those logs were then processed and participants were able to see what the effect of the external defects was to the lumber. Participants then graded and took volumes of the lumber produced from each log and compared those results with those already published by the Forest Service. The end result was very close and many participants were surprised by this fact. Marketing Hardwood Veneer - this 1-day session focused on external defects and how those defects effect the final product. A local veneer company hosted the event and provided instruction as well. Participants were able to see the different types of defects that are common in the veneer logs of different species. Participants were also show techniques to help them identify defects in veneer logs Trimming, Bucking, & Edging Hardwood Lumber – this evening session was to focus on the processing of the log after it has been felled. Participants were shown techniques for bucking a log for “grade” rather than for volume. It is the feeling this philosophy needs to target the mill more intensely as they are the ones who see the positive results in better lumber grade yield per log. Trimming and edging techniques were also discussed as these 2 areas impact the efficiency and profitability considerably more than other types of processing. These programs were very well received by participants. Over 60 people attended these 3 programs.

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

KS - 2001

Page 6

Success Story #1

The Kansas Wetland Riparian Areas Alliance The Kansas Forest Service has been working hard to

build program capacity at the local level through a "third party" organization called the Kansas Wetland Riparian Areas Alliance (KWRAA). The mission of the Alliance is to ensure the future of wetlands, streams, and their adjacent riparian areas as an integral part of our Kansas heritage and landscape. The Kansas Forest Service has been working with the Alliance since it organized in 1996 in response to the need to provide quality information and educational materials on the functions and values of wetland and riparian areas; to demonstrate how they could be enhanced, restored and protected; and to encourage closer cooperation between agencies, organizations and groups that deal with these valuable areas. KWRAA is comprised of over 65 member organizations, agencies, businesses, and non-profits, plus over 130 individual members. Funding for Alliance activities has come from a variety of sources including Kansas Department of Health and Environment 319 Non point Source Pollution grants, Kansas Department of Wildlife and Parks, Kansas State Conservation Commission, Natural Resource Conservation Service EQIP EA grants, Kansas Water Office/EPA grant and Upper Missouri River/Playa Lakes Joint Venture grants. The Alliance is building local capacity by establishing chapters throughout the state that are strategically located in Category I Watersheds as identified by the Kansas Unified Watershed Assessment. Based on local voluntary participation KWRAA Chapters identify projects to improve water quality especially where Total Maximum Daily Loads have been established. Currently, KWRAA has established six chapters with plans to establish three more. Bob Atchison, Kansas Forest Service's Rural Forestry Coordinator, is the Chairman of KWRAA. Atchison views this year as turning point for the Alliance. Up to this point the Alliance has spent most of its effort developing its structure, hiring State and Chapter Coordinators and educating. The Alliance is now ready to begin funneling money to local Chapters to implement practices to improve water quality. The KWRAA is a good example of a "third-party" organization that helps to accomplish the goals of the Forest Stewardship Program. The KWRAA has the potential to become a delivery system for conservation forestry practices provided the new Farm Bill becomes the financial catalyst. The KWRAA is active in all congressional districts in Kansas. Additional information about KWRAA may be obtained by contacting Tim Christian by phone at 316-241- 6921 or by e-mail at tchristian@ks.cable.com.

Success Story #2

Buffer Partnership for Clean Water Water quality is a major environmental concern for Kansas and the rest of the nation. Cropland runoff (non-point source) is of particular importance in Kansas because of the large amount of cropland present. Riparian forest buffers provide a common sense, cost-effective approach to improving water quality. However, in spite of apparent economic and environmental benefits, enrollment in Continuous CRP (which promotes forest buffers) has been less than expected nationwide. Kansas only enrolled 26,000 acres of Continuous CRP buffers (mostly grass) through December 15, 2000 compared to other states like Iowa who enrolled over 200,000 acres in the program. Obviously the program was more progressively promoted in Iowa. To promote forest stewardship through the establishment of riparian forest buffers and windbreaks, the Kansas Forest Service joined in partnership with the State Conservation Commission, Kansas Department of Wildlife and Parks, NRCS, Pheasants Forever and other groups to support the hiring of 22 Buffer Coordinators who will be located in County Conservation District Offices to promote buffer establishment through Continuous CRP. The Kansas Forest Service participated in three two-day training sessions to educate the new buffer coordinators in how to sell tree planting to landowners through Continuous CRP, how to plant and buy trees, how to care for trees after planting, and the function, design and benefits of riparian forest buffers, windbreaks, shelterbelts and living snowfences. It is the hope of the Kansas Forest Service that more trees will be planted through Continuous CRP by participating in the Buffer Partnership for Clean Water. The Buffer Partnership is located in all four Kansas congressional districts.

Success Story #3

Success Story #4

Success Story #5

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives

efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**City of Parsons, Tonganoxie and Hoisington Tornado Recovery Projects.** A coordinated effort of federal, state, county, local, private organizations and volunteer efforts have been brought together to assist with recovery efforts within the communities following devastating tornados in the spring of 2000 and 2001. These efforts and accomplishments include removal of hazardous trees, tree maintenance efforts, replanting programs and projects. Planting recovery efforts were completed in the communities of Parsons and Tonganoxie and initiated in the City of Hoisington

Success Story #2

**Kansas Tree City USA Recognition Program.** One hundred and four were certified as Tree City USA Communities during the past program year. These communities, with support and assistance of their local District Foresters, coordinated the planting of over 15,500 trees, pruned over 61,000 trees and removed an additional 6,400 trees which were dead or dying or represented hazards. These communities represent over 63% of the population of Kansas and spent over \$9.4 million in managing the community forest resource of the state. These communities, along with the 556 volunteers which comprise the local tree boards across the state, participated in the annual TCUSA Recognition Day and Training Seminar which was held April 23 - 24, 2001.

Success Story #3

**Kansas Arborists Training Course.** The Kansas Arborists Training course was completed with the annual fall course, and additional spring course, bringing the total to 1,208 students who have attended this arboriculture class for arborists certification. This week long class is sponsored by the Kansas Arborists Association in coordination with the Kansas Forest Service.

Success Story #4

**Special Projects.** In collaboration with local, city, state and federal organizations technical and financial assistance has been provided to the following state U&CF demonstration projects: (1) City of Topeka, "Green Topeka" green infrastructure and riparian restoration project; (2) City of Wichita, Veterans Memorial Park Tree Re-establishment; (3) City of Lawrence, Downtown Tree Renovation and Re-establishment

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Education, Training and Outreach Efforts.** The staff of the Kansas Forest Service, working with other local and state organizations, provided 58 total community forestry related training and outreach events across the state to reach a total of over 2,469 individuals. Fifteen of these events were U&CF topic specific day long training events, 21 were in support of conservation and education efforts to K-12 grade students, and 22 were engagements and presentations to local and state civic organizations across the state. Capacity building continues to be a priority of the agency. Recognizing the need to build upon partnerships and collaboration, a special emphasis continues to be placed in working and developing relationships with other "green" interest groups within the

**state. The KFS U&CF coordinator attended business, related meetings, and activities and initiated dialogue for future cooperative efforts between the Kansas Urban Forestry Council, Kansas Arborists Association and Kansas Nursery and Landscape Association.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**The Kansas Forest Service (KFS) strives to promote the wise and efficient use of forest resources. Through the newly established Utilization and Marketing Forester position, more direct contact is maintained with sawmill operators, loggers and other forest related industry throughout the state. This contact allows for increased sharing of information, educational opportunities and the promotion of value-added products. Assistance is provided to those interested in starting or expanding forest product related businesses within the state. Information is also provided to individuals and business outside the state wishing to establish working relations within Kansas.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**The statewide FPC&R Program is administered through the Utilization and Marketing Forester position that was established in 2000. The funding received through FPC&R is critical to maintaining this position and providing the necessary assistance to those involved in the forest industry throughout the state.**

What contributions of the program meet states/local issues and needs?

**The program addresses the issues/needs through the assistance provided to individuals, businesses, non-profit organizations and government entities. The main focus is on stimulating sustained rural economic development through value-added products.**

Products developed from the program. Special initiatives efforts/programs.

**Interest in establishing a "Wood Industry Association" has grown out of the increase in communication and contact with those involved in the forest industry throughout the state. Assistance to organize such an association will be provided throughout the coming year. Assistance has been provided to several businesses involved in producing value added products (charcoal facility, pallet operations, utilization of upper portions of trees, cedar and Osage orange lumber, compost, mulch, etc.).**

Success Story #1

**This program has provided the necessary funding for the Kansas Forest Service to re-establish a Utilization and Marketing Forester Position, vacant since 1993. This position is very important in maintaining good working relations with those involved in forestry related businesses and the promotion of the wise use of our forest resources. Maintaining current and accurate listings of sawmills and loggers proves very helpful in promoting and marketing timber resources.**

Success Story #2

**To expand the knowledge and business opportunities for those involved with the forest industry in Kansas, educational opportunities were made available. 1) Twenty-three individuals were approved for scholarships to attend the 6th Annual Forest Utilization Conference & Equipment Exposition held near Wagoner, OK. This event exposed participants to all aspects of forest industry (growing, harvesting, milling, drying and marketing). 2) Most mills in Kansas do not own/operate kilns. Because of this, marketing lumber directly from the mill to secondary processors is greatly inhibited. A 2 day hardwood lumber drying workshop was coordinated by KFS and held at the Kansas Wood Technology Center, Pittsburg State. Thirty people participated in this workshop presented by Dr. Fred Lamb of Virginia Tech. Following the workshop, several participants have either improved**

**their lumber drying capabilities or are making plans to begin drying lumber...a great value-added opportunity.**

Success Story #3

**Assistance has been provided to a sawmill/pallet owner to convert a sizeable amount of wood waste into compost and mulch. The disposal of his wood waste had become a problem both economically and environmentally. Through technical and financial support, this negative has been turned into a positive.**

Success Story #4

**With increased burning regulations and disposal costs, wood waste from sawmills is becoming a growing problem. With the establishment of Frontier Charcoal Co. in Chetopa, KS, some mills in SE Kansas have been able to market their slab material for conversion into charcoal.**

Success Story #5

## Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## KY - 2001

### Page 6

Success Story #1

**Kentucky is the most productive state in the Southern Region in terms of forest stewardship program accomplishments. Presently there are 12102 landowners implementing multiple resource conservation practices on 1321972 acres in the State. 469 landowners have been recognized and 83385 acres have received "Stewardship Forests" status.**

Success Story #2

**Kentucky is one of the few States in the Southern Region taking a landscape approach to program delivery, tracking forest stewardship accomplishments by watershed. Several of the watersheds have been identified in State assessments as impaired. During FY 2001, forest stewardship accomplishment were as follows in those five watersheds: Licking (05100101) had 56 forest stewardship plans covering 4226 acres, Lower Kentucky (05100205) had 77 forest stewardship plans on 6611 acres, Upper Cumberland (05130101) had 18 forest stewardship plans on 1967 acres, South Fork Cumberland (05130104) had 7 forest stewardship plans on 1117 acres, and Lower Cumberland (05130205) had 17 forest stewardship plans for 1406 acres. Kentucky is also pushing afforestation in western Kentucky, portions are contained in the Forest Service's lower Mississippi alluvial valley large scale watershed project.**

Success Story #3

**Kentucky also received multiple resource planning funds in FY 2001 from the National Fire Plan. To date, 21 landowners, under the recommendations contained in their forest management plans are implementing conservation practices to reduce wildfire risk and promote forest health on 1788 acres.**

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Two U&CF Grants were awarded last year to Yew Dell, Inc. Yew Dell was the home of the late nurseryman, Theodore Klein. Yew Dell, Inc. seeks to preserve and conserve this arboretum of 1,137 individual specimens. The gardens boast specimens covering 114 genera, 240 species, and 528 cultivars. It is the mission of Yew Dell Gardens to continue the horticultural legacy of Theodore Klein; to encourage the exploration of the arboretum, gardens and extraordinary architectural setting; and to provide opportunities for education, enrichment, and enjoyment. The U&CF grants have provided a complete inventory, strategic plan, and management plan necessary for the establishment and success of Yew Dell, Inc.**

Success Story #2

**The seventh annual Kentucky Urban Forestry Conference, titled "Urban Forestry - Growing Your Community's Future", was held in Erlanger. The conference was well attended by over 120 people, including arborists, city planners, tree board members, etc. This year's conference brought together a variety of basic urban forestry topics. We felt this was an important need to be met in Kentucky, as the past few conferences had been quite technical. This conference is important as it brings arborists together with other urban forestry personnel, an important marriage!**

Success Story #3

**The Kentucky Division of Forestry, in cooperation with the Kentucky Arborists' Association, provided educational workshops throughout the state to a variety of groups. These include workshops on such topics as arborist certification, hazard trees, basic training for tree owners, plant health care, and climbing safety. Also, a very highly successful Junior Arborist Day was held, where over 100 children participated in eight stations where they learned all about tree care.**

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2



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Success Story #3

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## LA - 2001

### Page 6

Success Story #1

**Louisiana currently has 1003 landowners and 97613 acres enrolled in its Forest Stewardship Program. 157 landowners and 26928 acres have been recognized as meeting stewardship forest criteria.**

Success Story #2

**Under the Forest Service's small-scale watershed initiative, Louisiana is reported cumulative forest stewardship accomplishments by individual impaired watersheds. 222 plans, or twenty-two percent of the State total, and 22784 acres, or twenty-three percent of the State total, of Louisiana's forest stewardship program accomplishments have occurred in watershed identified by the State as impaired. Louisiana's local successes bode well as to the future expansion of the large-scale Lower Mississippi Alluvial Valley project into the State.**

Success Story #3

**Multiple resource stewardship planning funds are being utilized by the Louisiana Department of Agriculture and Forestry in an effort to develop demonstration projects on forest stewardship properties in urban wildland interface areas of high fire risk such as Tangipahoa and St. Tammany Parishes. Partners include the Nature Conservancy, Northlake Nature Center, and the US Fish and Wildlife Service. Funds will be used to promote forest fuel reduction, enhanced use of prescribed burning and longleaf pine restoration through use outdoor classrooms, kiosks, trails, interpretive signage and other informational means.**

Success Story #4

Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5



**Page 10**

Success Story #1

**Friends of Jefferson the Beautiful hosted a one day tree school this Spring. Dr. Kim Coder and Dr. Jim McGraw, along with local tree experts, conducted this day long free educational session for approximately 300 citizens, tree care professionals, and local governmental administrative personnel. This workshop was funded entirely with private local funds.**

Success Story #2

**In response to the increasing threat of Formosan termites to the trees in New Orleans, the Louisiana Department of Agriculture and Forestry initiated a program of treating all of the public street trees using injection of termiticide into the trunk cavities.**

Success Story #3

**High school students from the New Orleans inner city school, Booker T. Washington High School, planted 60 trees at the Guste Housing Development in their neighborhood. Not only did the 25 students learn about proper tree planting techniques, species selection, and placement, they also contributed to the improvement and beautification of their community and benefitted from their own sense of contribution.**

Success Story #4

**Louisiana Department of Agriculture and Forestry personnel inventoried park trees in the Town of Henderson. This inventory identified trees needing removal for safety reasons and recommendations for pruning and soil work (aeration and mulching) for others. The Town of Henderson will use inmate labor to complete some of the work.**

Success Story #5

**The Louisiana Urban Forestry Council hosted its 10th Annual Conference in Monroe, February 16 & 17, 2001. The conference theme was "Urban Forestry Treasures of North Louisiana". Topics included selection of native trees, trends in community forestry, and many presentations showcasing various natural areas and preserves across North Louisiana. Approximately 60 persons attended this conference held for the first time in North Louisiana.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**A report of the visual effects of landscape laws was developed by Dr. D. G. Abbey at Louisiana State University. Dr. Abbey's report, along with a CD PowerPoint presentation is available from the Louisiana Department of Agriculture and Forestry. Report information is also available on-line at [www.greenlaws.lsu.edu](http://www.greenlaws.lsu.edu). Hilltop Arboretum developed a written report on strategies to eradicate the invasive non-native tree, Sapium sebiferum, Chinese Tallow Tree. This report is available from Hilltop Arboretum and the Louisiana Department of Agriculture and Forestry. Many grantees this year took the opportunity to hire college level urban forestry students. The students gained practical urban forestry experience, and the grantee received technical urban forestry expertise from the students.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

## 2001 Narrative Report

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## MA - 2001

### Page 6

Success Story #1

**Massachusetts Woodlands Cooperative (MWC) - After almost two years of meeting, landowners in western Massachusetts formally organized a value-added, processing and marketing cooperative under a Limited Liability Corporation. The results of a limited survey showed that landowners of more than 60,000 acres were interested in forming a cooperative with particular interest in wildlife management and green certification. The landowners are now in the process of pursuing green certification under the Forest Stewardship Council (FSC) model, umbrella certification. The MWC is also in the process of developing a GIS relational database to track forest information and begin evaluating landscape level management. The project has received tremendous support from private landowners, land trusts, agencies and the University of Massachusetts, Amherst.**

Success Story #2

**Upping the Bar in Stewardship Plans - Substantial improvements were made to forest management plan criteria and format for both the Forest Stewardship program and Ch. 61, the state's current use program. These improvements reflect recommendations from the U.S. Forest Service's upping the bar initiative. In addition, the improvements capture our own needs to insure that management plans are more understandable for the landowner, accurately reflect the desires and needs of the landowner, and reflect a high degree of professionalism. The improvements were well received by landowners and the forestry consultants who prepare the management plans in Massachusetts. Two very successful training sessions were conducted by Bureau staff for the consultants to showcase the changes. We feel strongly that these improvements will result in better management plans and increase the likelihood of greater implementation of practices on the ground.**

Success Story #3

**Strategy for Action - The Bureau of Forestry embarked on a one-year planning process to: articulate the Bureau's mission for Massachusetts' forest resources, set forth effective strategies and actions to guide the activities of the Bureau, convene a coalition of partners to build consensus on forest conservation priorities and strategies, starting with this planning process and extending into the future. This process will create a prototype for a permanent, inter-organizational coalition that will convene periodically to address forest conservation strategies. We anticipate that this coalition will generate inter-agency Memoranda of Understanding, Executive Orders, draft legislation,, jointly sponsored research and many other forms of cooperation.**

Success Story #4

**BMP Monitoring Protocol - The Bureau of Forestry received a grant authorized by the federal Clean Water Act, Sec. 319 to develop and implement a statewide BMP implementation-monitoring program. The development of this protocol will provide for the application of a standard monitoring program that will enhance the current system of inspections by staff service foresters in conjunction with our highly successful forest cutting practice law and regulations. Project goals include: develop a reliable tool for use by the bureau to assess the degree of success in the use of BMPs for protecting water quality, confirm and improve the technical and managerial ability of the forestry community to employ BMPs, confirm with the regulatory community the value of forestry BMPs, conduct training to stakeholders including foresters, loggers, and municipal conservation officials.**

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Earthworks Project received a Heritage Tree Grant to restore vintage apple trees in a unique remnant urban orchard. The orchard was productive before extensive development in the Mission Hill (District 9) neighborhood in Boston. Most of the original trees were destroyed or lost decades earlier. On an unkempt parcel a land, along a residential road abutting a neighborhood park, about 50 apple trees now thrive. These are believed to be descendents of the historic apple trees, some of the varieties were exclusively bred in Boston. Using a volunteer force, primarily comprised of young people, Earthworks cleared undergrowth to favor the trees, and used the grant to bring in professional arborists to prune and restore them. The neighbors have harvested a bountiful crop of apples and involved young people in making applesauce and cider.**

Success Story #2

**The Town of Peabody (District 6) received technical assistance from DEM's Urban Forestry Program staff to assess the condition of their urban forest. With staff guidance, they completed a survey of town trees that indicated a serious decline in the condition and extent of their tree canopy. The survey also estimated the significant value of this important resource. Using the survey as justification for local investment, the Town successfully advocated for a full-time professional urban forestry position and a new town budget item of \$25,000 for tree planting.**

Success Story #3

**Through the national program, Millennium Green, a partnership coordinated by the White House Millennium Council, Massachusetts received 100 Famous and Historic tree seedlings to establish commemorative Millennium plantings. DEM's Urban Forestry Program allocated these trees to high-achieving communities throughout the state, including those awarded 'Tree City USA'. Another dozen local groups and municipalities received trees and were recognized for special tree-planting endeavors to mark the passage in to the new millennium. These communities: West Springfield and North Adams (District 1), Springfield and Auburn (District 2), Newton (District 4), Lowell and Chelmsford (District 5), Saugus (District 6), Arlington (District 7), Stoughton (District 9), and**

**Marshfield and Hingham (District 10) all planted trees for a hopeful new Millennium. These activities ranged from planting the very first (known) tree of the Millennium to planting 2000 trees in their community leading up to the new Millennium.**

Success Story #4

**Elm Watch is a mighty little organization committed to saving the remaining American elms in the Berkshires (District 1). With an Urban Forest Planning and Education Grant, the organization was able to hire their first staff person to build their organizational capacity. Their tremendous local support and volunteer force matched the \$6,000 grant 5:1. The group seeks individual and business sponsors to adopt American elms in the landscape to provide fungicidal treatments to protect against the devastating Dutch elm disease. The group has been tremendously successful in gaining press attention and public support for their work. They have surveyed and mapped elm trees along the "Elm Trail" in the Berkshires; held a symposium on care of elms; and secured sponsorships for the care of more than 30 mature American elm trees.**

Success Story #5

**With increasing development consuming open space, the quality of remaining lands and their ability to function within a watershed become of paramount importance. Residents who live in the communities surrounding the Quabbin Reserve (District 1) which supplies water to metro Boston (Districts 7, 8, 9) must be conscience of how their own lifestyle impacts the water supply. In rapidly developing outer-ring suburbs of Hopkinton and Franklin (District 3) new cluster developments are creating common open space, under the management of homeowner associations. The Urban Forestry Program made Planning and Education Grants to a regional Quabbin wetland association; to the Town of Hopkinton to teach homeowners to be responsible stewards of urban forestland; and to the Town of Franklin to map and assess their urban forest to develop a preservation strategy.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**DEM's Urban Forestry Program in partnership with the Mass Community Forestry Council, embarked on a 5-Year strategic planning process. To build broad support and develop a consensus plan, the partnership hosted a series of 7 'Listening Sessions' in all areas of the state (Stockbridge and Amherst, District 1, Worcester and Fall River, District 3, Sturbridge, District 2, and two in Boston, District 8) to hear diverse opinions and interests about urban and community forestry. More than 200 professionals, homeowners, municipal representatives, elected officials, business leaders, educators and activists attended and contributed ideas about achieving a common vision for urban and community forestry in Massachusetts. The summary is being crafted into a comprehensive plan, which will be widely distributed.**

Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Forest based economic development and forest conservation, while meeting the demand for forest products, and protecting and enhancing the environment.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**Without the federal contribution of technical and financial assistance the MA program would not have been nearly as successful. Effective teamwork is required for success, and the USFS is an important member of the team!**

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

**Successful conversion of Mt. Wachusett Community College from all electric to a biomass system that will supply heat and hot water to the 400,000 square feet of buildings on campus. Support was provided by this office in the technical and financial aspects of the project. With that support the college received the necessary funding to build the plant in 2002.**

Success Story #2

**Construction of the first modern timber bridge utilizing glu-laminated red maple in MA. This office in conjunction with the MA WIT program and MA Highway designed and constructed this bridge in Monterey utilizing a significantly underutilized species growing in MA. Several more red maple bridges are in the works.**

Success Story #3

**This office in conjunction with MA Division of Energy Resources formed a Biomass Energy Working Group to explore opportunities for the increased use of biomass for energy in MA. Subcommittees to this group produced reports on the status of Biomass supply, demand for renewable energy, and latest technologies.**

Success Story #4

**Formed the Massachusetts Forest Products Association to assist member companies in marketing their products both domestically and internationally.**

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

**A demonstrated need to replace bridge infrastructure within Mass. has been documented. Rural economies are suffering due to lack of infrastructure to transport products and people. Overabundant species such as Red Maple have limited markets and much of this material is being underutilized and is being left in the forests. Therefore, long term forest sustainability is a statewide concern that WIT is addressing. Market creation and expansion is essential to encourage stewardship and allow foresters to manage both private and public forests efficiently and economically.**

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

**Decision makers are concerned about aesthetics when planning pedestrian bridges and walkways. WIT has demonstrated that native forest products are a viable alternative to other materials including forest products imported from other regions or countries. WIT has developed a large consortium of stakeholders from both the private and public sector to develop strategies to develop markets and opportunities for WIT applications. WIT has also developed key partnerships with the primary forest products industry, landowner groups, and rural economic development entities to encourage participation and demonstrate specific outcomes that can help them in their work.**

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

**The first Red Maple vehicular bridge was built by the Mass Highway Department this past year. This project will provide the necessary infrastructure for local farmers to market their products, and allow for the community to avoid a long detour as was the case before construction was completed. As an observation, decision makers, the community, and some State partners were unaware that the resources to complete infrastructure were actually available locally. Education has been emphasized**

**as to the availability of forest products, and the positive benefits that are derived from their utilization. Some of the intended benefits include developing the necessary infrastructure for rural residents and rural business, forest sustainability, and improved rate of return for forest landowners, and increased profits for loggers and sawmills.**

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**WIT has only begun to educate decision makers that WIT applications need to be explored for infrastructure projects. A total review of the economics of utilizing structural hardwoods in WIT needs to be assessed. Due to a lack of constant and steady markets, sawmills are reluctant to manufacture structural hardwood for this market. Thus, with only a small fraction of sawmills participating, the associated costs to procure the lumber are inflated and out of proportion with other materials. Work needs to be done to demonstrate that this market is viable and can contribute to a sawmills potential earnings. I do not envision continued support from decision makers if the cost factor is not adequately addressed. Pressure treatment and the possible effects on the environment is constantly questioned by decision makers and the general public. The pressure treatment industry needs more feedback and encouragement not to over treat, thus creating potential environmental risk, and negative perception from the public.**

## **MD - 2001**

### **Page 6**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### **Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

**After a great deal of effort by all parties, the "Green Cathedral" Forest Legacy easement closed in late September. The Trust for Public Land was primarily responsible for bringing this project to completion. They provided over \$1,000,000 for the acquisition cost as well as associated project costs. Included in this amount was approximately \$200,000 from nearby landowners in support of the project.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### **Page 10**

Success Story #1

**The MERTT (Maryland Electric Reliability Tree Trimming) Council is composed of representatives from the MD Public Service Commission, MD DNR, four investor-owned utilities (Allegheny Power, BGE, Conectiv, PEPCO), two Co-ops (Choptank Electric, SMECO), and the Maryland Department of Planning (MDP). To date, MERTT Council efforts have focused on three areas: - Conducting a State-wide series of training sessions in an effort to establish a common ground for tree trimming standards and procedures. Four training sessions took place in January and February of 2001. one**



each in Eastern, Southern, Central, and Western Maryland. Each event was attended by the utility foresters, utility arboriculture contract personnel, and MD DNR personnel that work in that area, as well as by PSC and MDP representatives. A total of 119 people participated in the sessions. The agenda for the sessions included: electrical system operation; safety (including ANSI Z133.1-1994, and legal issues such as trespass, easement rights, and climbable trees); how trees cause outages; and vegetation management for utilities (including proper pruning [ANSI A300-1995, Maryland Roadside Tree Law, Maryland Tree Expert Law] and IVM). - Evaluating adoption of IVM (Integrated Vegetation Management) to manage succession for utility facility-compatible species in certain areas; and - Modifying planting specifications noted in planning and zoning mechanisms to ensure planting of compatible species beneath overhead facilities. The MERTT Council received the Gold Leaf Award from the International Society of Arboriculture for its efforts.

Success Story #2

The UCF program developed an Integrated Service Delivery marketing piece, under a grant from the Chesapeake Bay Forestry Workgroup, describing the various programs and services MD DNR-FS offers. The target audience is Planning & Zoning officials, and there is an emphasis on Wildland-Urban interface issues.

Success Story #3

Many tech transfer events were conducted with partners, including: "Tree Identification in a Forest Setting" (co-sponsored by the ASLA Maryland Chapter); "Fostering Liveable Communities: symposium (co-sponsored by Maryland Community Forest Council and MAC-ISA); a presentation by Author Randall Arendt (co-sponsored by ASLA and APA Maryland Chapters, Chesapeake Bay Foundation and Anne Arundel County); a presentation on risk tree management to the Maryland Recreation and Parks Association; a presentation on MD UCF programming for the Maryland Municipal League Annual Conference; a Forest Conservation Act training workshop for Greater Capital Area Realtors Group; 3 separate presentations at the 2001 National Urban Forest Conference; and a number of classes and labs at the University of Maryland's new Urban Forestry program.

Success Story #4

Modified Maryland's Strategic Forest Lands Assessment protocol to apply to urban areas (Strategic Urban Forests Assessment). Is being applied to Baltimore under Title VIII grant and to Frederick and Hagerstown under the Large-scale Watershed / Potomac Watershed Partnership grant. IKONOS imagery for Baltimore and Hagerstown has been acquired. Frederick images will be acquired in spring 2002.

Success Story #5

5. We developed an English/Spanish tree planting brochure to facilitate TREE-MENDOUS Maryland planting projects in Hispanic communities. Partners at initial plantings in Annapolis included the U.S. Naval Academy Latino Club, Anne Arundel County Dept. of Health., Annapolis Police Dept., and local residents. The initial printing of the brochure (1,500) is almost depleted. We will reprint in 2002 and post on the DNR web site. We have already had many requests, from URBNRNET/TREELINK and others, to link to the on-line version. The e-version is created and is in the queue for posting on the MD DNR web site.

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.



## 2001 Narrative Report

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## ME - 2001

### Page 6

Success Story #1

**The Maine Forest Stewardship Program accomplishes its objectives in many ways: through direct contact with NIPF landowners, loggers, and natural resource professionals, through annual training for consulting forests, and by partnering with other agencies and organizations to reach relevant audiences. Working with Maine's SFI program, the Maine Forest Service sponsored six BMP workshops. The workshops were conducted statewide, in Brewer, Newport, Houlton, Princeton, and Ashland, and more than one hundred thirty contractors, loggers, and foresters attended. Cooperating agencies and organizations included Maine's SFI program, AF&PA member companies, the Maine Forest Service and the Maine Department of Environmental Protection. Two levels of BMP instruction were provided during this series of workshops. Four BMP Level One sessions focused on the introduction of BMP and the premises behind the techniques. Two BMP Level Two sessions were conducted that focused on planning, assessment and layout of truck and skid roads.**

Success Story #2

**Continuing the emphasis on water quality, the Stewardship program held two training sessions on BMPs for consulting foresters working with non-industrial private woodlot owners. The workshops consisted of 3 hours of classroom work focusing on planning and the effects of forest management activities on watersheds, followed by field tours of nonpoint source pollution control project grant sites. Sixty-seven consulting foresters attended these meetings.**

Success Story #3

**A Stewardship Education Grant was awarded to the Piscataquis County Soil and Water Conservation District for the development of a demonstration forest on a 175 acre woodlot in Williamsburg Township owned by the district. The primary purpose of the demonstration forest is forestry and outdoor education, with the major emphasis on best management practices and good silvicultural techniques combined with outdoor recreation. By walking or skiing the interpretive trails on the property, an individual can gain an appreciation of the work of professional foresters, wildlife biologists, and professional loggers. With all of these professionals working together this**

**"small woodlot" is being managed to provide for a profit from the harvesting of timber while increasing the growth of timber on the property and protecting sensitive and otherwise interesting areas of the property. Profits from timber harvest operations will be used to help fund workshops and to maintain the structures on the forest. Best management practice installations were installed to demonstrate how the planning and structural features of a timber harvest should be created.**

Success Story #4

**There are more than 100,000 non-industrial private landowners in Maine who own more than ten acres of woodland. Of these, approximately 12,000 have enrolled their land in Maine's current use tax program, the Maine Tree Growth Tax Law. In an effort to educate these landowners of factors to be considered when having their woodlots harvested, the Stewardship program mailed each of them information on harvesting their woodland, as part of the Maine Forest Service's ongoing "Call Before You Cut" educational campaign. More than 200 landowners responded to this mailing, requesting additional information on working with a consulting forester, timber sale contracts, workers' compensation, and general woodlot management.**

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**West Branch Tasks Completed: Phase 1 Conservation Easement- Continued development of conservation easement, and completed draft appraisal Phase 1 Fee Acquisitions- Completed appraisals and purchase & sale agreements for the purchase of 4,242 acres at Big Spencer Mountain and approximately 33,000 feet of Moosehead Lake shoreline. No Forest Legacy money is being used for these purchases, but \$2M of LWCF is allocated towards this effort. Closing expected to occur by April 30, 2002. Mt. Blue/ Tumbledown: Hedgehog Hill Parcel- Appraisal and purchase & sale agreement completed to purchase approximately 2,400 acres with State and LWCF funds by December 31. Dillon and McDonald Fee and CE areas- Appraisals and purchase & sale agreements completed to purchase 500 acres in fee and a 4,200 acre conservation easement with Forest Legacy and State funds by January 31, 2002. Hancock Parcel- TPL has signed an option agreement with Hancock Timber Resource Group to acquire their ownership in Twp. 6 (portion of the Tumbledown range). Appraisal work continues on this parcel.**

Success Story #1

**The Nictaus Lake Project received the USDA Forest Service Taking Wing Award in 2001**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**PMAS 2001 Urban and Community Forestry Narrative Analysis One on Maine's major rivers, the Penobscot, flows through downtown Old Town. The town has established a 17 acre community greenspace and riverfront along the banks of the Penobscot using \$ 8,000 of community forestry funds matched by \$ 32,000 of local funds. The project goal was to draw the community back to the downtown area with an inviting greenspace while fostering economic development opportunities with a naturalized park celebrating local history and culture. Additionally, the project leaders developed an educational component about riverfront forest restoration, stabilization of riparian flood zones and the value of greenspace. The town of Ft. Kent is one of the northernmost towns in Maine. It is located on the St. John river which forms the border between the United States and Canada. A recent \$ 2,200,000 comprehensive reconstruction of the main street moving utilities underground and placing new sidewalks presented a unique opportunity to plant trees in the downtown area where none had existed before. In addition to planting trees in the public spaces, the town was able to involve private landowners in the neighborhood by cost-sharing purchase and plantings on their land to complement the public plantings. The result was a well received public private partnership that benefited the general inhabitants, business interests and private landowners.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

N/A

Describe the extent to which technical and financial assistance contributed to program outcomes.

N/A

What contributions of the program meet states/local issues and needs?

N/A

Products developed from the program. Special initiatives efforts/programs.

N/A

**Success Story #1**

**PMAS 2001 Forest Products Conservation and Recycling Narrative Analysis Maine maintains an active program in forest products conservation and recycling with one full time person. The strategy is to maintain and expand competitiveness of loggers, sawmills and secondary wood producers in a global forest products economy. Loggers are assisted by directing products to using mills, conducting log bucking workshops to increase yield and profitability and participating in professional logger training. Primary and secondary mills are assisted in finding raw product, suggestions to increase mill yield and finding markets for finished products. Landowners are assisted by gathering and publication of stumpage prices and mill delivered prices. Technical assistance is also provided to a full and part time operators of portable band saw mills. Log bucking workshops show both landowners and loggers how to cut out higher value products by paying attention to published log specifications. It is estimated that the four workshops will result in at least a 10% increase in annual value for 50% of the participants bringing a annual increment to the state of \$ 500,000 in the logging sector. These higher value products will also generate an equal amount as they flow through the primary and secondary manufacturing system. It is estimated that 40 jobs were saved and 10 additional jobs were created in wood products industry by referral of customers to suppliers and by being able to direct producers to consuming outlets. The net effect was to add or preserve another \$ 1,500,000 in labor to the state economy not counting the multiplier effect.**

**Success Story #2**

## 2001 Narrative Report

N/A

Success Story #3

N/A

Success Story #4

N/A

Success Story #5

N/A

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

N/A

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

N/A

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

N/A

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

N/A

## MI - 2001

### Page 6

Success Story #1

**The Michigan Forest Resource Alliance (MFRA) completed it's 3rd update and printing of the "Forestry & Wildlife Assistance for Michigan's Private Landowners" handbook, partially sponsored by the USDA Forest Service, Forest Stewardship Program.**

Success Story #2

**The Natural Resource Conservation Education Program provided funding for a Youth Camp Program entitled, "Protectors of the Earth Camp". This was a program that was started in the summer 2001, and sponsored by many partners. The week long summer camp targeted Native Americans and African Americans (7th-12 graders), introducing them to the natural resources and teaching them about the opportunities, careers, enjoyment and importance of our natural resources.**

Success Story #3

**For information about Michigan's Cooperative Resource Management Initiative Program (CRMI), please refer to success stories for the Urban and Community Forestry Program.**

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

Michigan has been pursuing an ecosystem approach to managing natural resources. With state money, we have formed a partnership with MDNR Forest, Mineral and Fire Management Division, MDNR Wildlife Division, Michigan Department of Agriculture and County Conservation Districts and have developed a network of 31 Resource Professionals (RP's) who work out of the local Conservation District offices. The RP's work in rural, suburban and urban landscapes with landowners, homeowners, schools and other groups. We have completed two years with this program and have reached a widely diverse group of individuals, communities and other groups. This includes 18,117 landowner assists, 2,623 urban assists, and 1,383 government assists. In addition, 698 public programs with 29,371 attendees were presented. There were 842 comprehensive resource management plans facilitated, totalling 47,285 acres, and 1,544 referrals to the private sector made. This program assisted with 4,286 tree plantings. The CRMI program also provided grants to plant trees in communities. Over \$275,000 of state funds was dedicated to 50 tree planting projects state-wide.

Success Story #2

This year's State Arbor Day Celebration included over 1000 2nd and 3rd graders who learned about water, soil, wildlife, air and trees through hands-on activity stations. This is the 6th consecutive year that we have sponsored this type of state-wide celebration. Michigan also coordinated the National Arbor Day Poster Contest for 5th graders.

Success Story #3

Michigan DNR Forest, Mineral and Fire Management Division continues it's partnership with Detroit Edison to plant trees in both urban and rural settings. In the last five years, nearly \$300,000 has been provided for urban tree planting in southeast Michigan. We look forward to continuing this partnership.

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

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What contributions of the program meet states/local issues and needs?

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## 2001 Narrative Report

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## MN - 2001

### Page 6

Success Story #1

**On March 2, 2001 we celebrated our Millionth Acre of Forest Stewardship Plans in Minnesota. The celebration took place at the Duluth Entertainment and Convention Center. A series concurrent sessions were held and the landowners that attended were able to choose what things they would like to learn more about. Close to 1000 people attended the meeting and we received many positive comments. The event provided the opportunity for landowners to meet with a variety foresters and other land managers and have discussions that would not have been possible without the conference.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**The Forest Legacy program is gaining momentum in Minnesota. The first activated area has begun acquiring easements and we are working to activate an additional area in North Duluth.**

Success Story #1

**On March 19, 2001 the first federally funded Forest Legacy Program project in Minnesota was completed. In Rice County Minnesota 111 acres of land was protected from development with the help of the USDA Forest Service Forest Legacy Program. The land, adjacent to the Nerstrand Woods State Park, is currently a field but the management plan for the property restores the land to its native prairie and oak savanna habitat. The property is also adjacent to two churches that are listed in the National Register of Historic Places. The churches were built by some of Minnesota's earliest Norwegian immigrants. The first church was built in 1862 from stones. The second church built from wood in 1894 is only a few yards away. The two churches overlook a cemetery and the Nerstrand Woods Forest Legacy Property. et and the owners of the churches, the Valley Grove Grace Cemetery Association owns the Stone Church and Cemetery, and the Society for the Preservation of Valley Grove Church which owns the wooden church, began a fundraising campaign to raise over \$500,000**

to purchase the Nerstrand Woods property to prevent it from becoming houses. Fundraising letters were sent out and donations were coming and in January 2001 the Society for the Preservation of Valley Grove Church was able to purchase the property. In addition to Forest Legacy funds, the Valley Grove Preservation Society received contributions from over 470 supporters, commented the Society Treasurer, Ken Sahlin. The Minnesota Department of Natural Resources had been looking at the lands around the Nerstrand Woods State Park for years. With the Forest Legacy Program new in the State, an opportunity was available. A conservation easement was sold to the state for \$238,000 on March 11, 2001, making the Nerstrand Woods property in Minnesota funded by Forest.

Success Story #2

Success Story #3

Success Story #4

Success Story #5

## Page 10

Success Story #1

The Minnesota Tree Care Advisors (TCA) program, initiated in 1997 using Federal Focus Funds, experienced continued strong growth in 2001, both in the numbers of individuals involved and the number of hours they donated to their local community forestry programs. Using federal U&CF funds, a U of M graduate student position was expanded to a full time technician, who created a TCA web site and initiated on-line TCA curriculum to offer this training statewide. TCAs are also assuming leadership roles in advocating for local and state programs. The new Minnesota Shade Tree Advisory (MnSTAC) President, Lorrie Stromme, a TCA from Minneapolis, has made involving these citizen advocates in the council a top priority.

Success Story #2

The Builders Association of Minnesota made a significant commitment to the state's woodland protection efforts by offering to sponsor and underwrite the costs of our Best Management Practices workshops for builders and developers. These are part of a multi-faceted effort by the DNR and Tree Trust (a Minnesota non-profit), including meetings with individual communities (city councils, planners and planning commissions), workshops for natural resource practitioners and a builder / developer awards program. These educational opportunities are gaining interest in areas with development pressures statewide.

Success Story #3

Seventeen communities successfully completed urban forestry inventory projects using matching Minnesota ReLeaf grants. The cities of Moorhead, Duluth, Red Wing and Hutchinson are most noteworthy for creating "green infrastructure" GIS layers, allowing this information to be shared by all city departments.

Success Story #4

The City of Long Prairie formed a Tree Board last year, rallying around the need for street trees in their downtown business district and older neighborhoods. Using two small USFS sub-grants and DNR technical assistance, they conducted an inventory of existing public trees and planting sites and completed the first phase of their street tree planting plan.

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

## Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?



See Narratives under success stories.

Describe the extent to which technical and financial assistance contributed to program outcomes.

See Narratives under success stories.

What contributions of the program meet states/local issues and needs?

See Narratives under success stories.

Products developed from the program. Special initiatives efforts/programs.

See Narratives under success stories.

Success Story #1

**Displaced Mine Workers** An announcement was made in February 2000 that LTV, one of the largest taconite mining companies in Minnesota, would permanently cease mining operations here. There would be a layoff of 1400 employees. An economic development initiative focusing on natural resource based business startups or expansions for these displaced mine workers was started soon thereafter through a program funded by S&PF. Partners in the program included USFS State and Private Forestry, Minnesota Department of Natural Resources - Forestry and the City of Biwabik. The program worked like this: Displaced mine workers were eligible to submit proposals for sub-grants of up to \$3000 each to be used for assisting in natural resource based business start-ups or expansions. The program was advertised extensively in the area. Proposals were ranked for funding by a committee including representatives from DNR, USFS and the City of Biwabik. Approximately \$50,000 (including \$10,000 raised from area communities as matching funds) in small grants have been awarded so far to 18 businesses, including a small scale furniture maker, equipment for a wreath making business, tools and training for a forest inventory contractor and equipment for a fishing guide service as well as many others. Long term impacts of the program are unknown, but several of the new or expanded businesses are thriving in this very economically depressed area of northern Minnesota (which borders on the Superior National Forest) where the assistance is sorely needed. There has been some excellent, positive media coverage for the program.

Success Story #2

**Wood Residues Used for Energy.** Many Minnesota businesses have had plans to use greater amounts of wood residues for energy products. High natural gas prices in the winter of 2000/2001 caused many of them to put these plans into action. Examples of wood energy related projects put into place include: ? After extensive study of wood residues with U&M staff, UPM Blandin Paper Company announced a \$4 million expansion of their co-generation facility. Many other businesses began accepting residues from anyone who could get it to their mills. ? Hill Wood Products in Cook, Minnesota, contracted with US Steel to provide wood ?flour?, a finely ground wood residue that can be easily disbursed into taconite blast furnaces used in the formation of taconite pellets. This project will save US Steel around \$10 million in fuel costs and utilize about 400 truckloads per month of wood residues from local producers. ? A St. Paul company, District Energy, will begin generating 25 MW of electricity and using 250,000 tons of urban tree waste annually. Heat generated from the co-generation facility will also be used in downtown building as a heating and cooling source. The basis for this \$50 million project was a DNR urban tree residue study conducted by U&M personnel which measured annual urban tree removals. Start-up for the facility is scheduled for December 2002 ? Several large cabinet companies in Minnesota have had difficulty convincing the MN Pollution Control Agency (PCA) to provide permits for burning residues from their laminated wood products (medium density fibreboard) for heat in their plants. As a result they continued to dispose of laminated products in landfills. With assistance from DNR U&M staff and a wood scientist from the U of MN and understanding of a new type of fluid bed boiler system, a boiler system has been approved by PCA for a major cabinet company.

Success Story #3

**Special Forest Products (SFP) Special or Non-Timber Forest Products** are estimated to exceed \$30 million in annual sales and provide supplemental income for thousands of seasonal workers. The leading SFP in Minnesota is the harvest of balsam boughs for the holiday wreath industry. In October and November, hundreds of families harvest boughs. The state's multi-million dollar wreath making industry, mainly based in Minneapolis - St. Paul area hires many workers to weave the boughs into wreaths and other decorative products. Additionally, there are many small, family-based wreath making businesses in the state. With assistance from DNR U&M staff, a coalition of wreath-making businesses, bough buyers and harvesters and government land-management agency personnel have formed the Balsam Bough Partnership. The partnership is dedicated to sustainable management of the balsam resource. The partnership sponsors education programs, produces and distributes educational materials and works on legislation that will result in the goal of sustainable management. Other S&PF activities in FY 2001 include: Development of a Special Forest Products website that offers marketing help for buyers and sellers, as well as information on sustainable harvest of resources Workshops in cooperation with U of MN Extension that gave attendees information on sustainable harvest methods for many Special Forest Products.

Success Story #4

**Certified Forest Products.** About 650,000 acres of public land in Minnesota is currently certified under the Forest Stewardship Council program. The result of third party certification has been more public acceptance of the sustainability of the management of these lands. Certification may have led to higher stumpage prices for some timber from these lands. In FY 2001 two workshops on Certified Wood were held by national FSC personnel. Many local primary and secondary wood product producers attended. Staff from Mn DNR and aMN Forest Industry plan to attend and exhibit at the national Certified Forest Products Council meeting in Atlanta this year. There is much interest among wood products producers in the Certified Forestry Concept.

Success Story #5

**Resource Assistance to Minnesota Industry and Others** By late fall 2000, the paper and Oriented Strand board industries in Minnesota were experiencing a shortage of wood supply, particularly aspen. Escalating stumpage prices, decrease in logger numbers, a wet fall limiting harvest, higher fuel costs for trucking and logging and a lack of long range procurement planning by industry were the main causes for this situation. A large amount of effort was spent by DNR U&M staff to study industry needs, prepare sustainable resource reports and meet individually with businesses to assess resource needs. As a result, most businesses were willing to try new concepts, which included: ? Building larger wood incentives when logging conditions are favorable and using new methods for wood storage. ? Contracting with private landowners to grow hybrid poplar on marginal farmland ? Importing more wood from Canada. Assistance in setting this up was provided by DNR U&M staff, working with provincial governments and landowner associations in Canada ? Encouraging use of alternative species such as birch, tamarack and soft maple that are in good supply ? Working cooperatively to redirect needed resources, depending on species needs. Wood related industries had sales of about \$7.7 Billion in 1999, mostly from paper and OSB production. Recognizing the importance of this industry to Minnesota, the DNR U&M staff worked to provide good resource information with the needs and concerns of industry to ensure good resource management and sustainability.

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Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## MO - 2001

### Page 6

#### Success Story #1

**The George O. White State Forest Nursery produces over 6 million trees last year. It also surpassed 1.5 million oaks in one year for the first time. Over 73 species were grown with most being hardwood trees.**

#### Success Story #2

**The State Forest Nursery offered extra large trees last year with great success. 1,000 bundles of 15 extra large walnuts and pecans (15,000 trees), as well as 25,000 extra large northern red oak were sold with well over 1,000 orders not filled due to demand for these larger trees.**

#### Success Story #3

**The Missouri Department of Conservation is funding a landowner cost-share program that includes all the practices that were once a part of SIP, as well as a cadre of other fish and wildlife management practices, and practices aimed at protecting or improving T & E species habitat and unique natural communities. Nearly one million dollars is budgeted annually for this program. Although participation in the Forest Stewardship program is not required for participation, it is strongly encouraged by field foresters and approval of requests is simplified when desired practices are outlined in a LFSP. The cost-share program is managed by ten separate Regional Coordination Teams composed of a representative of all the field divisions in a region, (includes Forestry, Fisheries, Wildlife, Private Land Services, Protection, and Natural History among others). Individual regions determine priority areas, needs and practices based on resource and cultural needs as well as those identified in Regional Management Guidelines. This program, along with the federal cost-share programs (FIP, CRP, CREP, EQIP, WHIP, etc) combine to provide valuable incentives to Missouri landowners.**

#### Success Story #4

#### Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

#### Success Story #1

#### Success Story #2

#### Success Story #3

#### Success Story #4

#### Success Story #5

### Page 10

#### Success Story #1

**Conducted 3 days of training focused specifically on urban forestry for 24 recently hired foresters. Training topics included practical, hands-on management, hazard tree identification and mitigation, tree planting, tree pruning, and MDC U&C forestry programs.**

#### Success Story #2

**Consolidated two existing state U&C cost-share programs into one program. The consolidated program (TRIM II) emphasizes sustainable and holistic management. Applicants must connect their proposed project to long-term goals particular to their community forest. Emphasis is on tree inventory, education, and tree maintenance.**

Success Story #3

**A tree pruning and maintenance workshop was presented for 12 Spanish speaking tree maintenance workers. An urban forester teamed with a Department naturalist who is fluent in Spanish to present the workshop. Although this was our first attempt at such a workshop, it was quite successful and will likely be repeated in the future.**

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

**Funding is being utilized to determine the contribution of Missouri's wood industry to the states economy. The Missouri Governors Advisory Committee on Chip Mills recommended this type of study and funds are being used to implement this project.**

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

**Funding is being used to employ a Fire Coordinator in Southwest Missouri to assist Rural Fire Departments to take advantage of available funding and excess federal equipment. Ultimately the coordinator assists rural fire departments to lower their risk rating. This project is following up on a recent half million dollar investment by the Missouri Department of Conservation to complete County level fire planning for all 114 counties in Missouri.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**MR - 2001**

## 2001 Narrative Report

### Page 6

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 10

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

### Page 12

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Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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**MS - 2001**

**Page 6**

Success Story #1

**The Memorandum of Agreement between the Mississippi Forestry Commission and the Mississippi State University Extension Service to conduct a series of Stewardship Plan Development Workshops was renewed on October 1, 2000. The M.O.U. will extend through September 30, 2003. To date a total of 184 Stewardship Plans covering 41,223 acres have been completed.**

Success Story #2

**The Mississippi Forestry Commission continues to fund, through the Stewardship Program, a minority outreach forester at Alcorn University. This position provides a liaison between Alcorn Extension and the Mississippi Forestry Commission to help provide information and service to minor landowners. Through personal contacts, forestry field days, and contacts with minority business and religious groups a bridge is being developed for working with and informing the minority landowners in Mississippi.**

Success Story #3

**The Mississippi Forestry Commission and Louisiana State University Agricultural Center have entered into an agreement to the development of a silicultural hardwood document to provide guidance for MFC foresters and other professionals concerning the management of hardwoods in the Lower Mississippi Alluvial Valley and associated uplands. This agreement is to be completed by August 31, 2002.**

Success Story #4

**The Mississippi Forestry Commission has been involved in redevelopment of the Forest Stewardship Program in Mississippi within the last year. One of the projects undertaken has been to completely revise the State Forest Stewardship Plan. The State Stewardship Coordinating Council, comprising of field, district and state level employees, was formed within the MFC to provide input and guidance for addressing the redevelopment of the State Plan and to the rebuilding of the Forest Stewardship Program as a whole in Mississippi. Target date for implementation is January 1, 2002.**

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Congressional district 5 A grant to the University of Southern Mississippi was used as seed money. It resulted in significant expansion of the original project scope and leveraged dollars from other sources. An initial U&CF grant of \$4,656 to study the effects of the urban forest on stream health leveraged additional grants and funds in excess of \$300,000 for expanded research.**

Success Story #2

**Congressional district 2** A grant to the City of Shaw, in the Mississippi Delta, inspired community pride and positive change even in challenging circumstances. This community of just over 2,000 residents has significant economic challenges. The grant facilitated the organization of a youth forestry group, the establishment of a community tree nursery, identification and implementation of tree maintenance needs, and a community vision for the future green space in town. The mayor, reflecting on the grant results, said "I look at this town as my own little garden".

Success Story #3

**Congressional District 5** An extremely influential publication was the result of a grant to Southeast Mississippi Resource Conservation and Development District. "A Homeowners Guide for Coastal Landscapes, Preparing for the Storm" was introduced in workshops and 50,000 copies were distributed to planning offices, county extension agents, county foresters, and other interested groups. The information in the publication will be the subject of a presentation at the winter Urban Forestry Conference.

Success Story #4

**Congressional District 2 Clinton Community Nature Center** was the recipient of a grant that assisted in hiring a well known author and teacher as part time director/instructor. Other elements of the grant included preparation of a forest management plan and hazard tree assessment by a professional forester and hosting two nature day camps for elementary school children. These activities complemented the ongoing lecture series, displays throughout the 30 acre study area, massive volunteer involvement, and numerous other programs. Volunteers logged over 1,000 hours to support the efforts of the grant.

Success Story #5

**Congressional District 4** A project just in the beginning stages, which we will watch closely, is a nature study area in Hazlehurst for community residents who are visually impaired. This project will utilize recent technology such as touch-tone signs and raised leaf shapes to allow a full range nature experience. We hope this will provide an example of how to allow equal access to valuable nature experiences.

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

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Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local



## 2001 Narrative Report

issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

### MT - 2001

#### Page 6

##### Success Story #1

**Six Montana Forest Stewardship workshops were completed. Sixty Three plans representing over 24,000 acres were certified. The program now boasts 1000 certified plans covering nearly a half a million acres. Landowners and managers completing the stewardship workshops manage nearly one million acres.**

##### Success Story #2

**Forest Health Monitoring Program funded a joint contract between Idaho and Montana for Pathology Services. In the first full year of a two-year contract services have included one-on-one assistance to NIPF landowners, workshops for landowners and professionals, formal inventory and mapping of diseases in proposed project areas, surveys of rust resistant white pine plantations, and other scientific investigations.**

##### Success Story #3

**In recent years the state seedling nursery regularly sets new sales records. This year was no exception. Revenue of \$390,000 was the highest ever. Production was 1.1 million plants or 280,000 more than the previous year. Net revenue is small because more has been reinvested in the nursery's infrastructure.**

##### Success Story #4

**Seven BMP workshops were taught cooperatively with the Montana Logging Association and Montana DNRC Service Foresters. Three hundred and one loggers, landowners, agency professionals and others received excellent instruction about BMPs and Montana's Streamside Management Program and law.**

##### Success Story #5

**One Resource Management Plan reported, the Upper Swan Valley Landscape Analysis, illustrates successful collaboration between agencies, industrial landowners, and citizen groups. The Swan Ecosystem Center worked with Montana DNRC, The Forest Service and Forest Industry to develop this shared vision of Swan Valley, Montana ecology, forest health strategies, input for the revised Forest Management Plan, and recommended projects. The plan covers 100,000 acres of the upper Swan River Watershed and includes all land ownerships.**

#### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**The Montana State Forest Stewardship Coordinating Committee continues to play a significant role in identifying potential future tracts for FLP projects and in advising the MT Fish, Wildlife and Parks Department (State Lead Agency)**

##### Success Story #1

**Phase I and II of the Thompson-Fisher project was successfully completed during FY2001. he combined Phases I and II now protect 66,255 acres from development. This acreage is critical big game and endangered species habitat. If Phase III is funded in FY2002, an additional 74,000 acres will be prtected. Significant contributions were made by other partners for Phases I and II - \$9,500,000 compared to \$4,800,000 of Forest Legacy Program funds. Congressional District 01**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**In an effort to increase the number of communities that proclaim Arbor Day and have a community celebration, the Montana Community Forestry Program offered \$150 grants to any community in the state wanting funds to plant a tree and celebrate Arbor Day. 33 Communities applied and all were funded. Photos, thank you cards/letters, and great press coverage helped to spread programmatic messages and to raise awareness about community forestry in Montana.**

Success Story #2

**For communities which were close to qualifying for Tree City USA, the Montana Community Forestry Program offered a "Tree City USA Incentive Award" of \$500 to a community which became a Tree City for the first time, or one which recertified after being inactive for longer than one year. Five communities accepted our challenge and, as a result, Montana added 5 new Tree City USAs!**

Success Story #3

**With funding from the Heritage Program, the community forestry program offered Lewis & Clark Bicentennial grants to communities for tree planting, beautification, and other activities that complemented a Lewis & Clark bicentennial celebration. Four communities in Montana received a total of \$11,860 for their projects.**

Success Story #4

**The Montana Community Forestry Program remains an enthusiastic sponsor of the Montana Tree Climbing Championship. The competition moved to a new city this year, and again, our top finishers in the state fared well against regional and national competition. The number of certified arborists and active treeworkers in the state continues to rise.**

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**This is reported in the EAP Data Base.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

## 2001 Narrative Report

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

**This is reported in the EAP Data Base. Montana did not have any WIT projects this year.**

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

### NC - 2001

#### Page 6

Success Story #1

**1. Prepared 455 Forest Stewardship Plans last year, NC's best year for Stewardship, exceeding our previous record by over 100 plans. This is due to increased interest by service foresters and improved cooperation between DFR, private consulting foresters, and cooperating agencies. Also, by streamlining the process for getting plans approved, there was less time spent on administrative matters, which resulted in landowners getting their plans quicker. In addition, 16 landowners and 3845 acres in North Carolina were recognized as "Stewardship Forests" in 2001, bringing the States cumulative total to 358 landowners and 78799 acres.**

Success Story #2

**2. Assisted over 8,200 private landowners with forest management planning and / or reforestation on almost 312,000 acres. This is an increase over last year of about 800 landowners. Although the number is significant in itself, it becomes more impressive when you consider that much of last year included budget cutbacks that resulted in several vacancies for service foresters and forest technicians who provide landowner assistance. Reforestation accomplishments were equally impressive: 122,000 acres of forest establishment (an increase of about 23,000 acres over last fiscal year). This included 10,152 acres of longleaf pine establishment (70% increase from last year) and 7,294 acres of hardwoods successfully established (an increase of 47%).**

Success Story #3

**3. Conducted water quality inspections on more than 4,700 forestry sites (almost 1,000 more sites than the previous year) affecting almost 195,000 acres of forestland. In addition, best management practices (BMPs) were recommended and / or implemented on about 221,000 acres.**

Success Story #4

**4. Consistent with the National Fire Plan, Forest stand improvement was emphasized. Due to a shift in priority for Forestry Incentives Program (FIP) funds, 13,567 forested acres were improved through the use of a variety of cultural practices including precommercial thinnings, crop tree release and other practices. Furthermore, almost 41,000 acres were protected from wildfire by**

conducting prescribed understory burning, an increase of 40% over the previous year. The additional \$51,200 of multi-resource stewardship funding associated with the National Fire Plan was used through a partnership with the North Carolina Extension Service in an educational effort to promote forest health and reduce fire danger particularly in wildland urban interface in high fire risk areas of the State. 266 forest stewardship plans providing recommendations on 25577 acres occurred in these areas.

Success Story #5

The State Forest Stewardship Committee has ten members from various agencies including the Governor's office. The committee meets bi-annually. Also three meetings of the Forest Legacy Application Committee were held. The Forest Stewardship Program has finally realized its annual goal of 450+ plans as outlined in the Five year State Stewardship plan which was revised in 1997. This goal was attained in part by the help of 100+ trained contractors. Four regional Wildlife and Stewardship training sessions and three contractor training sessions were held.

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Forest Legacy sub-committee structure and process established. Attended Appraisal Seminar (Roan Mt. TN), and National Land Trust Rally (Portland, OR), and the National Forest Legacy Program Manager's Meeting.

Success Story #1

Forest Legacy Triumphs in the closing of Phase I of the Town Creek Working Forest Conservation easement in North Carolina the first Forest Legacy conservation easement in the South. Following a successful formula of partnering with International Paper Company, The North Carolina Coastal Land Trust, a non-profit, private land trust; the NC Clean Water Management Trust Fund; and the USDA Forest Service; the NC Division of Forest Resources has completed a +1,082 acre conservation effort in Southeastern North Carolina. This year 560 acres were protected under a Forest Legacy working conservation easement with 522 acres protected through a companion NC Clean Water Management Trust Fund easement along the riparian zone. Congressional District 7.

Success Story #2

Success Story #3

Success Story #4

Success Story #5

Page 10

Success Story #1

1. Neighborhood Trees Program. The City of Raleigh developed an innovative cooperative tree-planting program for residential neighborhoods. Historic Oakwood was the prototype neighborhood, where 138 new and replacement street trees were planted. The program involves citizen participation in inventory of planting sites and maintenance of planted trees, an education and awareness component, and cost-sharing. The Oakwood residents contributed \$17,000 in cash to match \$10,000 in city funding and \$5,000 in U&CF grant funding for the purchase and installation of trees. Three brochures were developed for the "Neighborhood Trees" program. Plans are underway to duplicate the success of this pilot effort each year in other interested neighborhoods. The goal is to obtain a 50% funding match from the neighborhood; however, this will be negotiated in neighborhoods where this will pose a hardship. Congressional Districts 2 & 4

Success Story #2

**2. The City of Southport continues to develop, nurture and strengthen its community forestry program. Recognized as a Tree City for the second year in 2001, the Southport Forestry Committee has been extremely active. With the help of a U&CF grant, the city has conducted a GIS based tree inventory, developed a tree management plan, implemented an education and awareness program for its citizens, established a growing out nursery, developed a tree adoption program, and is in the process of developing a landscape and tree conservation ordinance. The 500+ live oak street trees in the historic district of this community of 3,200 are widely recognized as its greatest asset. Congressional District 7**

Success Story #3

**3. The City of Winston-Salem's Roadway Appearance Division developed a simple but highly professional 3-panel brochure describing their urban forestry program. The brochure explains the benefits of urban forests, the city's responsibilities and services provided, and the community's role in urban forestry. Principal sections of the City's tree ordinance are outlined and explained in layman's terms. \$3,700 in U&CF grant funds helped support this effort. Congressional District 34**

Success Story #4

**4. The Mecklenburg County Center of the NC Cooperative Extension Service, in partnership with the Treasure Tree Program of Mecklenburg County, a volunteer organization, developed a professional interactive website, easily managed by program volunteers, with support from a U&CF grant. See [www.treasuretree.org](http://www.treasuretree.org). The program, which recognizes and educates the public on the importance of significant trees throughout NC's largest urban county, has been in existence for over 10 years. Congressional Districts 9 & 12**

Success Story #5

**5. The Town of Carrboro, a 17-year Tree City USA community, initiated a very successful "Adopt-A-Tree" program, with the support of a U&CF grant. Under this program, school-age children, along with their parents, participate in an educational event and are awarded a tree to plant back home in their yard. The program has been well received throughout the community and highly supported by the Board of Aldermen. Congressional District 4**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Educational products and initiatives:** • Purchased 125 sets of 3 urban forestry reference books for all 100 county offices, districts, regions and forestry centers -Dirr, Manual of Woody Landscape Trees - Johnson and Lyon, Insects that Feed on Trees and Shrubs -Sinclair, Johnson and Lyon, Diseases of Trees and Shrubs • NCDFR training - Technical Foundations in Urban Forestry and Community Assistance• Revisions to urban forestry program policies and procedures • NCUFC - 4 newsletters • NCUFC - 3 regional Carolina Canopy Workshops and joint conference with NCASLA • Urban Forestry Issues forum satellite conference with Extension Forestry, Spring 2001• Project Shade - skin cancer awareness/benefits of trees for shade. Partner with American Cancer Society. • [www.treesofstrength.org](http://www.treesofstrength.org)• Millenium trees planted by 50 Tree City communities. • NCSU Horticulture Extension - website development and Master Gardener training curriculum in urban forestry• Mecklenburg County Extension -Successful Gardener newsletters -Urban Forestry website -Treasure Tree Program website • Winston-Salem - UF program brochure • Raleigh - 3 brochures for new Neighborhood Trees initiative• Cape Fear Botanical Garden -EE curriculum• Capitol Trees Program -website• Durham - Website• Statesville - community education initiative • Quality Forward/NC Arboretum - Trees are Cool conference **EDUCATION OR OTHER PRODUCTS DEVELOPED FROM THE PROGRAM** The Division of Forest Resources is committed to training personnel who work in the field in Urban Forestry. Two courses are on a yearly schedule: "Technical Foundations in Urban Forestry Management" and "Providing Urban Forestry Assistance to Communities". Also, a policy and procedure for Urban Forestry within the division is being

prepared. NC Urban Forest Council has presented three Carolina Canopy Workshops through out the state. A NC Extension Service presented a Satellite workshop in the spring. NC participated the Millennium Green initiative by planting Heritage Trees in all Tree City USA communities. The Secretary of Dept. of Environment and Natural Resources and the Division of Forest Resources Director presented a plaque. The di vision partnered with the American Cancer Assoc. in the Project Shade Program. A kick off event took place in Raleigh and the Director was a keynote speaker. It promotes the value of shade tree for the reduction of exposure to sun and thus preventing skin cancer.

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**ND - 2001**

**Page 6**

Success Story #1

**Living Snow Fence Initiative: The State Forester is directing the Living Snow Fence Initiative which requires the administration of \$673,911 in Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant funds, a matching \$224,000 grant from the North Dakota Department of Transportation (NDDOT), a five year \$600,000 NDDOT Transportation Enhancement grant program, \$168,000 in Mitigation Tree Planting Partnership funds and the Centennial Trees Trust Fund grants of \$33,33.33 to communities and landowners for living snow fence projects. Since 1998, 36 counties have initiated 291 projects that have or will plant approximately 487.8 miles of trees to protect 137.2 miles of roads. The tree planting miles convert to 828 acres on-the-ground.**

Success Story #2

**Management Plan Accomplishments: North Dakota has 797,628 acres of nonindustrial private forest land that is potentially eligible for enrollment in the Forest Stewardship of Forest Resource Management Programs. Since 1991, landowner objective based management plans have been completed for 168,648 acres of privately-owned native and planted woodlands. The success of these programs in North Dakota is a direct result of cooperative efforts by a variety of state and federal**



resource agencies, plus, local consulting foresters. In FFY 2001, a total of 332 management plans representing 12,898.9 acres were compiled in the Forest Stewardship and Forest Resource Management Programs.

Success Story #3

**Red River Basin Riparian Project:** The North Dakota Forest Service is delivering a landowner assistance program focused on restoring riparian woodland acres and improving the condition of forested acreage within the Red River Basin. The project is delivered through cooperative efforts of state and federal agencies. Riparian area restoration is planned for a minimum of 100 river miles in eastern North Dakota. Selection of riparian restoration areas is based on river water quality impacts, condition of riparian areas, and input from stakeholders and the North Dakota State Health Department. North Dakota Forestry Best Management Practices, developed as a part of this project in July 1999, provide clear guidelines for management considerations. The North Dakota Forest Service has committed to producing 300 management plans representing 30,000 acres in priority areas, outlining forest management practices aligned with North Dakota Forestry Best Management Practices. To date, 251 riparian forest management plans have been compiled as a part of this project representing 19,779 acres of management. Furthermore, these plans have outlined prescriptions for the implementation of 43.2 miles of riparian restoration.

Success Story #4

**Tree Production:** The Towner State Nursery is responsible for both the tree production and tree improvement programs for the North Dakota Forest Service. The nursery grows planting stock for conservation tree plantings. Planting stock must have the genetic and cultural qualities necessary to provide good survival and growth in North Dakota's climate. The Towner Nursery maintains seed orchards of Ponderosa pine, Scotch pine, Black Hills spruce, Colorado blue spruce, Rocky Mt. juniper, and Siberian larch. These orchards provide genetically improved seed for the nursery. Cultural procedures for growing nursery stock are evaluated through field-testing. Tests evaluating nursery stock types of Eastern redcedar and Rocky Mt. juniper were completed in 2001. Volunteer cooperators compared four stock types of Eastern redcedar and 5 stock types of Rocky Mt. juniper. This information will help the nursery provide planting stock with increased potential for survival. In 2001 the Towner State Nursery shipped 1,365,350 trees to 708 customers. In addition to providing 36 different species and stock types, the nursery also provides training and informational materials to help customers plant and care for trees properly. The North Dakota Forest Service identified and selected cottonwood trees with historic ties to the Lewis and Clark Expedition. Seed was collected from these trees and propagated at the Towner Nursery. The trees will be planted as part of Lewis and Clark bicentennial celebrations in North Dakota. The North Dakota Forest Service sponsors a School Tree Program that offers all kindergarten through fourth grade students in the state a tree to plant. The purpose of the program is to teach young people to plant and care for trees. In 2001, students in 258 schools participated and 37,150 trees were distributed.

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1



On August 8, 2001, a wind event hit the eastern central part of North Dakota. Gust of 100 mile per hour winds hit the Grand Fork and Hillsboro area the hardest. The North Dakota Department of Emergency Management made a request of the North Dakota Forest Service Community Forestry to assist these communities with an assessment of the damage. The Community Forestry Team (Bartels, Bird, Marchus, and Nichols) along other members of the NDFS staff spent several days in the area working with local leaders to assess the damage and provided recommendations on the elimination of standing hazardous trees. Hundreds of trees were lost in these communities. The NDFS gave recommendations on "reforestation" efforts. The Grand Forks Herald called a meeting with the City Forester and the NDFS Community Forestry Coordinator to discuss a gift of \$25,000 for the storm recovery efforts. The Grand Forks Herald awarded the gift to the NDFS Tree Trust Fund. Funds will be used to replant trees lost from the August wind event. This effort is being called the Knight Ridder Releaf program. The Knight Ridder Foundation is the parent company of the Grand Forks Herald. Since the storm affected communities in Minnesota the funds are to be used to assist those communities with the recovery efforts. The NDFS and the MN DNR are working together to implement and delivery these funds. To further assist the communities the two agencies will be conducting a Storm Planning workshop sometime in the winter/spring of 2002. The "Releaf" efforts will also occur in the spring of 2002.

#### Success Story #2

In the spring of 2001, the NDFS was awarded \$100,000 from the State Fire Assistance program from the USDA Forest Service. The funds were used as a Wildland Urban Interface Firewise Landscape Grant program. The purpose of the grant program is to develop firewise landscaping at the community level. A community may incorporate practices into an existing community windbreak or establish new protective zones with a tree-planting component. The grant program is designed to serve as a demonstration to illustrate how proper planning and design can address wildfire issues on the Great Plains. The projects will address each individual community's needs, but also meet the needs to address wildfire situations. Public safety is the first objective of this program, as well as raising awareness of proper planning to address wildfire issues to the community. The NDFS Fire Management Program area administers the program funds. The Fire Management Program area and the NDFS Community Forestry formed an internal partnership to develop and delivery this program. This has become a good partnership within the agency, finding common ground where the two program areas can cooperate to assist communities address the wildland issue. The NDFS has also involved partners from the USDA FS, NRCS, BIA, ND Division of Emergency Management, and community leaders. Two projects were awarded in the spring of 2001 and a second grant sign up period began in the fall of 2001.

#### Success Story #3

The NDFS and the USDA-FS Prairie Grasslands is continuing with the pilot program of deviling the Rural Community Assistance (RCA) program in ND. The pilot program was originally intended to last three years. With personnel changes at the Grasslands office in the last year, the two agencies submitted a request to extend the program to five years. With the current success of the program in North Dakota and the recent partnership with the ND Division of Community Services, these factors helped in extending the life of the pilot program in ND. The Division of Community Services has gone as far as commit funding for community action plans for the next few years.

#### Success Story #4

The NDFS is continuing with its efforts to assist communities prepare for the upcoming Lewis & Clark Bicentennial. The agency once again offered funds for L&C Tree Planting projects. The NDFS has also found a grove of cottonwoods that are located near where the Lewis & Clark expedition overwintered in ND. The trees are between 250-300 years old. The NDFS has collected seed from these trees and is propagating 500-600 Lewis & Clark Cottonwood Trees. The plan is to have 500 trees ready and available for 2004. At that time the NDFS will be distributing the trees to communities for

**a special Arbor Day tree event.**

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**March 2001, the NDFS invited partners from the rural, community, tribal, local level government, state level government, and federal level government to gather input on how to implement the National Fire Plan in ND. The daylong meeting provided the NDFS with excellent suggestions on how deliver the programs in the state. The Community Forestry Program area will be administering three of the components of the NFP; Economic Action Program, Economic Action Pilot Program and the Community Planning components. The Community Forestry Program area has developed new partnerships with the ND Division of Emergency Management and the Energy and Environment Research Center (EERC) at the University of ND. The Partnership with EERC will be focusing on biomass issues from the fuel reduction activities at-risk communities. The NDFS Community Forestry Program area partnered with the ND Parks and Recreation Association this year to recognize the Tree City USA towns. A recognition program was conducted at the annual Parks & Rec. conference. Over 100 people were in attendance for the program, which recognized 55 communities.**

**Page 12**

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What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**NE - 2001**

**Page 6**

Success Story #1

**The 2000 Central Region Woodland Stewardship Conference sponsored by State and Extension forestry in Nebraska, Kansas, Iowa, and Missouri was hosted in Nebraska in November, 2000. This annual conference began in 1998. This year 150 landowners from the 4-state area attended the conference to learn how to better manage their forest and related resources using good stewardship principles. (Applies to congressional districts 1,2, and 3)**

Success Story #2

**The Nebraska Forest Service, with grant funding support from the National Wild Turkey Federation and the Nebraska Environmental Trust, initiated a "Direct Seeding Program" to help establish hardwood nut trees for wildlife habitat, wood products, riparian protection and other environmental benefits. Grant funds were used to purchase the tractor, seed planter, and trailer used for the program. In 2000 about 20 landowners direct seeded approximately 31 acres of hardwood forest in the program. (Applies to congressional districts 1 & 3)**

Success Story #3

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**The NFS received funding to do the "Analysis of Need" (AON). The NFS is currently negotiating with the a consultant to perform the AON for Nebraska.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Our grant programs remain strong throughout Nebraska helping to beautify communities. The grant for St. Joseph's Church in South Omaha is particularly special. Not only was this grant used to help beautify a community, but it was used to bring together a less affluent neighborhood in which drugs and other problems are a daily occurrence. This grant project brought out the best in everyone as known drug dealers were planting trees along side other volunteers.(Congressional District 2)**

Success Story #2

**Nebraska communities still strive for improving their tree resources. 107 communities were named Tree City USA last year. One community this year that is moving toward this recognition is Fullerton. Fullerton's tree board decided to become more active in the community. They did this by forming three main committees; one to work with the grade school, a second to update the tree ordinance, and a third to develop public information. Fullerton also sent a representative to recent conferences. (Congressional District 3)**

Success Story #3

**Although Nebraska has grants to remove problem trees and enhancing communities, we lack in tree care in communities. This year, a pilot pruning program was initiated to increase the idea of tree care and maintenance. Three communities; Gretna, York and Gothenburg, are participating the program this year. Before and after picture will be taken to help support the importance and need for proper care and maintenance. (Congressional District 3)**

Success Story #4

**Dave Mooter, Rachel Allison, and Chip Murrow worked on a pruning grant to help communities**

throughout Nebraska with the care and maintenance of public trees. The problem is many communities do not add care and maintenance to a budget because of the cost. By creating a pruning grant the burden of cost will be lightened for smaller communities and healthier, longer living trees for communities will be the result.

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

### Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

**1. The Nebraska Forest Service serves as a clearinghouse for information concerning the forest resources of Nebraska and forest products marketing and utilization. 2. The Nebraska Forest Service publishes "Timber Talk", a quarterly forest industry newsletter, to serve as a source of technical information and communications link for forest industry in Nebraska.**

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## NH - 2001

### Page 6

Success Story #1

**FY 2001 Forest Stewardship Program Success Story - Don Black, Strafford County, NH I was hired as the UNH Cooperative Extension County Forester for Strafford County in January, 1971. The previous County Forester, who then became my program leader was Roger S. Leighton. He later retired from Cooperative Extension in 1977. Since that time he has worked part time as a forestry consultant and has also been involved in saving forestland adjacent to his property by outright purchase. He has since put all of that land into a revocable trust which requires forest management. Roger is now 82 years old and is still actively assisting two other owners of large properties to purchase more land which they have put under conservation easements so it will remain forest forever. In the last 3 years he has assisted these two owners find and purchase 3,200 acres on which they have constructed 3 miles of forest access roads and completed 350 acres of weeding and 170 acres of pruning. This year I assisted Roger in writing forest management plans for his 505 acre Tree**

Farm and for the 286 acres of Tree Farms belonging to his family. In the last 10 years, Roger has sold 333 hickory poles which were harvested over 28 acres, 67,805 board feet of white pine sawlogs, 10,200 board feet of white pine pallet logs, 48.18 tons of white pine pulp, and 21,000 board feet of hemlock sawlogs. Roger has pruned 7 acres of white pine poles, weeded 15 acres of white pine poles, harvested 2,100 Christmas trees, planted 7,200 Christmas tree seedlings, given away 12 Christmas trees to charitable organizations, upgraded 1.25 miles of Class VI town road to his Tree Farm and constructed 8,350 feet of forest access roads on his Tree Farm. He also bought 5 acres of forestland to save the last remaining large stand of Mountain Laurel in Strafford County. This year he and his wife Justine are the Strafford County candidate for New Hampshire's Tree Farmer of the Year.

Success Story #2

FY 2001 Forest Stewardship Program success story - Peter Pohl, Carroll County, NH A four hundred acre woodlot located at the entrance to Wonalancet will host this year's Carroll County Tree Farm tour. George Stenzel, Carroll County's first county forester, prepared the first detailed forest management plan for this property in 1940 for the Sturtevant family, relatives of the present owner Mary Wakefield. Since then, the property has had extensive wind damage from the December 1980 windstorm and ice damage from the 1998 ice storm. Detailed management plans were cost shared under the SIP -1 and ice storm programs. In addition to extensive harvest activity, site scarification, road construction and stabilization, and viewshed restoration activities have been implemented under the SIP program. The property was certified as a tree farm in the fall of 2001 and hosted this year's tour. The height of land known as Mt. Katherine is located on the property and provides an exquisite view from Mt. Whiteface to Mt. Chocorua as well as providing a view of the Wonalancet Intervale. Efforts are underway to place a conservation easement on the land. The current owner, Mrs. Mary Wakefield is over 90 years old, and has no direct descendents. This property is critical to maintaining the aesthetic beauty and the undeveloped appearance of the Wonalancet Intervale.

Success Story #3

FY 2001 Forest Stewardship Program Success story - Sumner Dole, Belknap County, NH The Price Farm, a 375 acre property located in Gilmanton Iron Works, NH, recently became a certified Tree Farm. This was largely due to the Stewardship Incentive Program. SIP facilitated the development of a relationship between A. Richard Price, the landowner, and John Conde, a private consulting forester with Bean Hill Forest Services. A Forest Stewardship Plan was developed in 1993. Since then, over 125 acres of commercial thinnings and 3,000 feet of access road have been completed by Dick's grandson. This dairy farm, in operation since 1882, supports four generations with income derived from the dairy operation, timber and firewood, and maple syrup. The stewardship program was the catalyst for creating this successful relationship between the landowner and the forester with sustainable forestry on-the-ground to show for it. The only cost-share assistance used on this property was for the development of the stewardship plan.

Success Story #4

FY 2001 Forest Stewardship Program success story - Steve Wood, Sullivan County, NH Dave & Atossa French had always placed a high value on the scenic beauty of their 22 acre homestead overlooking Lake Sunapee. They had also been actively managing it as a Certified Tree Farm. As Tree Farmers, they knew the role that the environment played in the growing of their forest, but were not prepared for the severe ice storm of January, 1998. Taking advantage of the emergency funds allocated to assist landowners affected by that storm, the French's hired a private forester to help them with a SIP plan. They began to implement the plan's recommendations by conducting a salvage and improvement harvest. As the Tree Farm Manager, Dave hired a crew of local high school students to help with the clean-up efforts. In addition, the access within the woodlot was improved. The restoration work was so extensive that the cost-sharing funding covered only a portion of the total expenses. Dave confided to me that although the cost-sharing was an initial incentive, he felt that the storm made him appreciate what he had and motivated him to make some much-needed investment in his property.

Success Story #5

**FY 2001 Forest Stewardship Program success story - Sam Stoddard, Coos County, NH** With recent improvements in the accuracy of the Global Positioning System (GPS), this technology has become more available and useful for natural resource mapping in support of forest stewardship planning and assessment. Over the course of the year, 426 people in NH were trained to effectively use this technology for stewardship applications. This has resulted in better resource mapping and inventory control. Working with the Nature Conservancy a strategy and plan were developed for inventorying the natural resources of a newly acquired 19,000 acre property known as the Bunnell Forest. With the help of dozens of experts who volunteered for 2 "bio-blitz" field data collection projects, a massive amount of inventory data was acquired to support forest stewardship planning for the new property, which will be managed for multiple stewardship objectives.

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**3 projects: Pond of Safety, Bunnell Mountain, and Ossipee Mountain** are expected to close by the end of this calendar year (2001). The Pond of Safety project having already been approved by the Governor and Executive Council. The Kimball Pond, Melvin Valley and Hampshire Country School projects are expected to move forward this year, as is the high-profile, 171,000 acre International Paper Lands project for which application was recently received.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**69 New Hampshire Tree Stewards** volunteered a total of 3,152 hours assisting 44 communities. This successful program is implemented by Community Volunteer Coordinator Mary Tebo and assisted by Community Forester A.J. Dupere. Enthusiastic volunteers provide a variety of services to their communities. Deborah Lievens has been appointed to a statewide invasive species committee. Betsy MacDonald has become a member of the Exeter Park Advisory committee. Kathie Villard and Karen Mattor conduct educational activities with scout groups in Nashua. Jon Batson and Jennifer Fales completed a landscaping project at Barrington library.

Success Story #2

**Nashua Parks and Recreation Department**, with the help of Community Tree Stewards, have developed a new beatification plan for their community. The intent is to design, create and maintain small gardens and pocket parks throughout the city. Tree Stewards worked with a landscape architect to develop hands-on workshops to train volunteers. 25 people attended these workshops and then worked with the parks Department to plant and maintain the pocket gardens.

Success Story #3

**The Whitefield Conservation Commission** established a town Geographic Information System and has begun a natural resources inventory. They have expanded interest to the entire John's River watershed, and are encouraging all towns to participate. Informational seminars and demonstrations have been conducted at commission meetings, town meetings and conservation programs.

Success Story #4



**Moharimet Elementary School has “built “ a unique education program this year. For over five years University of New Hampshire and community professionals have conducted conservation education activities at the school. Last year, led by County Forester Don Black, the program took a big leap forward with the constructi on of an 18-foot by 36-foot outdoor classroom and sugar shack. The classroom was completed with the help of over 200 parents and volunteers, and provides a variety of outdoor education opportunities. The whole process was videotaped and broadcast by New Hampshire PBS Channel 11, and Governor Jeanne Shaheen attended the dedication ceremony.**

Success Story #5

**The Millennial Tree Project was conceived by the Concord Tree Volunteers as a community wide effort to reverse the loss of street trees. Since Arbor Day 1999, 1768 new street trees have been planted. A registry of Millennial Trees was established to document where trees are planted and who planted them. Prior to these efforts only one tree was planted for every four removed. The Millennial Tree Project has inspired the entire community to participate in restoring beauty to the Capitol City.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**The Division of Forests and Lands developed a five-part Tree Care and Maintenance Tailgate Series. This training session is provided on site and provides basic training to tree care company employees. The Urban Forestry Center has hosted many workshops, seminars and conferences in the past year. These include Storm Damage Assessment Workshop, Electric Hazard Awareness Workshop, Forest Fragmentation and Urban Sprawl Conference, Hazard Tree Evaluation Workshop, Storm proofing Your Community Workshop and two Arbormaster Training Seminars.**

**Page 12**

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Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**NJ - 2001**

**Page 6**

Success Story #1



**Stewardship Action Partnership-Assisted 3 schools and a NJ Park to plan and plant trees to improve the environment and curriculum. Focus on improving the places that we live.**

Success Story #2

**Branching Out to the Youth of NJ. Promote an awareness to Action Conservation Education Program focused on urban and under served areas of our state. Promote a stewardship ethic through hands on active learning.**

Success Story #3

**NJ Forest Resource Education Center - Exploring your Environment with your senses (EYES). Utilize an outdoor classroom setting to explore your environment where you live.**

Success Story #4

**NJ Forest Stewardship Program continues to provide partial reimbursement to private landowners who have forest stewardship plans prepared by consultant foresters.**

Success Story #5

**NJ continues to make available both plant and wildlife biologist to private woodland owners when having a Forest Stewardship plan prepared. Thus both Federal and State threaten and endangered species can be addressed in the plan.**

#### **Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**In Fy 2001 New Jersey continued its participation in the Forest Legacy Program. The Forest Stewardship Committee reviewed and prioritized projects, conducted field visits, and submitted a prioritized project list to the U.S. Forest Service for fiscal year 2002 funding consideration. Program Manager participated in national meeting of forest legacy Program managers and continued day to day maintenance of the program, including coordinating with individual project negotiators to ensure compliance with requirements of program and coordinating with partners to identify and submit for consideration eligible properties.**

Success Story #1

**In FY 2001, the state acquired a conservation easement on 700 acres of Newark City's Watershed lands located in West Milford Township. This was Phase III of a larger effort to preserve over 25,000 acres of forestland.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

#### **Page 10**

Success Story #1

**Habitat for Trees The New Jersey Tree Foundation, in partnership with the Habitat for Humanity (HFH) affiliates in New Jersey planted large shade trees in the neighborhoods where Habitat for Humanity homes have been built. Tree plantings took place during the spring of 2001 in three cities: Camden, Long Branch and Trenton. On the day of each tree planting event, Tree Foundation staff conducted a tree planting workshop and demonstration for the volunteers. The Tree Foundation**

brought in Certified Tree Experts and NJ Community Forestry staff to supervise the correct planting of each tree. Trees were also watered and mulched by the volunteers. Camden Habitat for Trees Project The Camden tree-planting project had the most surprising impact out of the three spring plantings. Camden HFH recently completed rehabbing an entire block of row houses on Clinton Street. Clinton Street between 6th and 7th Street, like most blocks in Camden, was completely devoid of any greenery. The Tree Foundation and HFH Camden planted twenty-one 3 – 3.5 inch caliper Hedge Maple trees along Clinton and 7th Street. The Camden tree-planting project required site preparation in the form of cement cuttings and brick removal for the tree pits. J. Young Concrete Construction Company provided this service in-kind to the Tree Foundation, and also assisted on the day of the tree planting by off-loading the trees and moving them to their planting locations. Habitat homeowners, community volunteers, Camden Law School students and NJ Forest Service Staff removed brick pavers, dug, planted and watered trees on April 14, 2001. The impact of this tree planting was immediate. Clinton Street went from barren hard-scape to a lush greenway in a matter of hours. The trees have also brought much needed shade to the homes on Clinton Street. Every HFH homeowner participated in the tree planting and those homeowners too elderly to plant the trees recruited family members to assist them. After the tree plantings, each HFH homeowner received a summer tree-care fact sheet, in both English and Spanish, which included a color picture of the kind of tree planted and information on tree maintenance. A local Commerce Bank branch paid for five trees with a \$1000 donation to the project. The Camden HFH tree-planting project has generated considerable interest in the surrounding community for future tree planting projects. Six Camden organizations from grassroots civic organizations to local schools have called the Tree Foundation in hopes of doing their own tree planting or greening project. The Tree Foundation is now working to obtain funding for these enthusiastic groups and to continue neighborhood tree planting projects in Camden. Congressional Districts: Camden – 1; Trenton – 4; Long Branch – 6.

#### Success Story #2

**#2 Milltown Forestry Management Plan** One of the main tasks of the New Jersey Community Forestry Program is to give technical assistance to municipalities throughout New Jersey. The township of Milltown in Middlesex County needed help with completing their Community Forestry Management Plan, so two Foresters from the Community Forestry Program (Pam Tappen and Mariclaire McCarten) went out to visit the Shade Tree Commission to help them complete their plan. As a result the plan was completed and approved by the NJ Community Forestry Council. With an approved management plan, the township applied for and was awarded a Community Stewardship Incentive Program Grant. This grant for \$15,000 is more than three-times Milltown's annual tree budget of \$4500 and will be used for tree maintenance. The Milltown Borough Council was so impressed with the hard work and efforts of the Shade Tree Commission that the Council doubled the Commission's operating budget to \$9000. The Milltown Shade Tree Commission has forged a solid working relationship with their Borough Council and the New Jersey Community Forestry Program. Shade Tree Commissioners regularly attend continuing education workshops hosted by the NJ Community Forestry Program. Most importantly, the Shade Tree Commissioners are supporting and maintaining the community forest in Milltown. Congressional District 5

#### Success Story #3

**#3 Statewide Bacterial Leaf Scorch Survey** The New Jersey Forest Service Community Forestry Program, with the help of the New Jersey Community Forestry Council and in partnership with the New Jersey Tree Foundation was awarded a state appropriation of \$95,000 to conduct a statewide survey for Bacterial Leaf Scorch in Oak trees. The survey was coordinated by the Community Forestry Program and was conducted during the months of August, September and October 2001. The survey consisted of three major steps. The first was an aerial survey conducted by the Community Forestry Program with a contracted helicopter and pilot. The second was a ground survey conducted by a New Jersey Forest Service survey crew and supplemented by volunteers. The final step in the survey was to collect samples from a percentage of the surveyed trees. The sample collection and testing were contracted. The survey was conducted in five municipalities within each of New Jersey's twenty-one counties, for a total of one hundred five municipalities surveyed. Within

each selected municipality, one hundred oaks, from at least ten different locations, were surveyed for symptoms of the bacteria. Samples to be tested were collected from twenty of the one hundred surveyed oaks in most municipalities. The aerial survey provided us with a good idea of where the problem areas were, and what to expect from the ground survey. It also allowed the opportunity to build a library of aerial photos of the affected areas throughout the state. The ground survey should substantiate the finding of the aerial survey with actual data. It also served as a valuable public outreach initiative. The Forest Service survey crew, consisting of four field foresters, distributed information regarding the disease as well as the survey efforts in each of the surveyed municipalities. A mailing was also sent by the Community Forestry Program to each of these municipalities requesting help with the survey efforts, and a training program was provided for volunteers who wanted to survey their own municipality for inclusion in the report. Several contracted arborists and tree service companies who carried out the sampling based on the recommendations of the ground surveys. Samples were sent to the Rutgers Plant Diagnostic Lab to be confirmed for the presence of *Xyella fastidiosa*. We are currently awaiting the results. The Community Forestry Program is now working on a report summarizing the findings of the survey. We hope to use this report to present the need for continued funding for research of this disease to the state legislature. Congressional Districts: Statewide

#### Success Story #4

**#4 New Jersey Youth Corp Tree Farm & Trail Funding and assistance were provided to the New Jersey Youth Corps for the development of a 12-acre tree farm in Philipsburg, Warren County. Over 2500 trees were planted on the site for use in projects throughout the county. This group also established an accessible, 0.75 mile interpretive trail at the tree farm while simultaneously forming the Riparian Rescue Team to move native trees from land targeted for development to the farm for use in future streamside restoration and reforestation projects. Members of the Youth Corp obtained valuable training while the surrounding communities benefited from the tree planting projects. Improvements to the environment and a raised awareness of the value of trees were the result. Congressional District: 5**

#### Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

#### Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Increase economic opportunities from the full range of forest resources through market and community development. Reduce impact on forest resources by promoting the use of environmentally sensitive and efficient methods when forest resource utilization and processing occur. Reduce wood fiber contribution to the solid waste stream; reduce national dependency on fossil fuels for energy. Extend useful life of forest products through increased awareness of appropriate practices and applications.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**Our services were essential to the success stories provided. Without our technical assistance provided and the financial support provided by the USFS for our organization to provide FPC&R services, these highlighted success would not have occurred. All values and benefits generated by these accomplishments therefore would go unrealized.**

What contributions of the program meet states/local issues and needs?

**Our work associated with the biomass energy working group provides a base for New Jersey utilities to meet the NJ Electric Discount and Energy Competition Act requirements for renewable energy power supply. This state regulation is mandatory.**

## 2001 Narrative Report

Products developed from the program. Special initiatives efforts/programs.

**Program products include a biomass energy research plantation in place at the NJ Forest Resource Education Center, a chapter contribution on Recycling Municipal Trees to a U&CF textbook, and authorship of the natural resource component of New Jersey's Greenhouse Gas Action Plan.**

Success Story #1

**Assistance to a small business in gaining third party smartwood re-discovered certification for his municipal tree recycling business. The company now has established an infrastructure to procure, process and market lumber products manufactured from urban tree removals.**

Success Story #2

**Assistance to a large wholesale lumber processor with developing a wood gasification system at their facility. The process utilizes 5600 tons of their wood shavings, gasifies this feedstock and generates process steam for 250,000 BF dry kiln capacity as well as generating electricity to operate their planers, molders and other wood processing equipment on site.**

Success Story #3

**Assistance to New Jersey Department of Environmental Protection by serving on the state's biomass energy working group to develop renewable portfolio standards for wood energy opportunities. This group is working to implement the New Jersey Electric Discount and Energy Competition Act as it applies to promoting renewable energy technologies.**

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

### NM - 2001

#### Page 6

Success Story #1

**Following one of the worst fire seasons in the last 50 years, 8 salvage timber sales were conducted on private land. The Inmate Work Camp Program was involved during rehab on several fires where re-seeding was done in conjunction with contour tree felling and the hand installation of wattles to help stabilize and reduce erosion.**

Success Story #2

**Forest improvement and protection included 14,680 acres of natural regeneration, 16,400 acres in wood fiber production, 13,200 acres in wildlife enhancement, 10,807 acres treated in Category I watersheds, and slash was treated on 19,500 acres.**

Success Story #3

**The harvesting of 34,670 MMBF of woody products from 17,335 acres assisted the economics of several communities. At the completion of these sales 184 miles of roads were water barred and 229 acres of landings, skid trails and roads were reseeded.**

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Congressional District 1 \$435,000 in Urban interface and hazard mitigation project grants The East Mountain area has rallied behind numerous projects to protect their communities and community forests from catastrophic wildfire.**

Success Story #2

**Congressional District 2 \$1,245,195 in Urban interface and hazard mitigation project grants Both the communities of Cloudcroft and Ruidoso have been very proactive in interagency cooperation to protect their communities from catastrophic wildfire. Ruidoso hired an urban forester and both communities have been very active at the national level. The Silver City area and communities in Catron County are in the planning or implementation stages of projects that will protect their communities and community forests from catastrophic wildfire**

Success Story #3

**Congressional District 3 \$336,000 in Urban interface and hazard mitigation project grants Villages of Angel Fire and Red River were successful in being funded to conduct hazard mitigation projects to reduce the threat of catastrophic fire to the community and community forested areas. Taos County and Taos Canyon have recognized their vulnerability to fire and are organizing as well as applying for Federal monies to conduct hazard mitigation projects to protect their communities and community forested areas. The greater Las Vegas area, and the Chama and Espanola Valleys are actively pursuing projects and more funding to protect their communities and community forests from catastrophic wildfire.**

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**FireWise workshops, private landowners treating their land; Senate Bill I; Lincoln National Forest Demonstration Project; Small diameter utilization committee Projects completed in Angel Fire and Red River will serve as showcase models for other communities. Material extracted from projects should augment the local economies and provide some degree of economic opportunity for residents of the communities conducting hazard mitigation projects.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Small diameter usage**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**Title 4 Western Wildland Urban Interface Grant program and Four Corners Sustainable Forest Partnership have provided the means for the utilization of small diameter material in new businesses, while improving forest health.**

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

**Wood shavings, compost, pressed boards**

Success Story #1

**Assisted Sierra Contracting of Ruidoso, in setting up a business that picks up and utilizes timber slash and yard waste as compost.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**NV - 2001**

**Page 6**

Success Story #1

**Holbrook Highlands Wildfire Threat Reduction: The Holbrook Highlands is one of many communities in Nevada that is considered "at-risk" for wildfire. Working together, the Nevada Forest Stewardship Program, Eastfork Fire District, USFS, UNR Cooperative Extension and the private landowners in the area have begun to address the forest health, fuels, defensible space and educational issues that put this area "at-risk". Many individual land management plans have been developed under the Stewardship umbrella to provide sound forest and fuels management on private lands. The efforts of the private landowners, combined with the work of adjacent Federal land managers, create the framework for a fire safe community in and surrounded by a healthy forest.**  
**Congressional District 2**

Success Story #2

**Pinenut Range Land Management Plan: The Washoe Tribe manages an extensive stand of**



**Pinyon/Juniper woodland in the Pinenut Mountain Range. This forest is important culturally as well as having recreational and commercial values. The Nevada Forest Stewardship Program, working closely with the Tribe, completed an extensive inventory and analysis of Old Growth and insect and disease trouble spots. The inventory provides the basis for the development of land management strategies. Congressional District 2**

Success Story #3

**Giha Wildlife/Riparian Plan: The Giha property (40 acres) is located on Ten-Mile creek, a category I watershed. Disturbed by deterioration of the meadow and riparian areas. Mr. Giha approached the Nevada Forest Stewardship Program for advise and technical assistance. A plan was developed to restore the riparian areas, meadows and enhance wildlife habitat in the area. When SIP funding became available, Mr. Ghia was approved for SIP - 6 & 8, to implement the planned restoration. Congressional District 2**

Success Story #4

**Davis Wildlife/Riparian Plan When the "Cricket" fire raced through the Medicine Creek and Thurston Creek drainages, it burned much of the 320 acres owned by Mr. Davis. When he discovered the Nevada Forest Stewardship Program was available to help restore the fire damaged lands, planning was soon underway. Erosion control measures were put in place and work began on restablising woody vegetation lost in the fire. Congressional District 2**

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**The Forest Legacy Program moved towards full implementation in Nevada when funding was obtained for the completion of an "Assessment of Need". Base line data on Nevada's forests and woodlands is being collected, trends and issues in forest managment are being identified and guidelines are being developed that will be the foundation for implementation of the Forest Legacy Program in Nevada.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**U.S. Congressional District #1 and #2 Nevada was honored this year to have two National Arbor Day Foundation Awardees. Nevada Attorney General Frankie Sue Del Papa received the Frederick Law Olmsted Award and the City of Henderson received the Arbor Week 2000 Award. A presentation and tree planting sponsored by the Nevada Division of Forestry and Nevada Shade Tree Council was held in their honor at the Supreme Court Building in Carson City. Frankie Sue was recognized for work that exemplifies commitment to tree planting and conservation. She co-chaired Trees 2000; a millennium project to plant one tree for every Nevada citizen and that encouraged the planting of drought-resistant and regionally appropriate trees and wildflowers. She also spearheaded tree planting in her role as chair of Nevada's 125th Birthday Celebration. This project resulted in \$49,000 from Bicentennial License plates awarded to community tree planting projects through NDF's U&CF program. Frankie Sue's current project is the development of a statewide Landscape Plan for the Nevada Dent. of Transportation Board. Henderson received its award for the success of its 2000**



**Arbor Day Program.** Urban Forester Tom Melahn, City of Henderson Parks Department, who accepted the honor, was instrumental in the citywide Arbor Day celebration that involved 1,400 students in addition to teachers and members of the community. Planting ceremonies were held at all participating schools, with each student receiving a one-gallon pine tree to take home and plant.

Success Story #2

**US Congressional District #2** The U&CF Grant program is a major vehicle for Nevada Division of Forestry's Urban and Community Forestry (U&CF) program to provide tree care education and plant trees. The Playground Restoration Project at Peavine Elementary School, in Reno, is just one example of the benefits delivered by the U&CF grant program. The school is 50 years old and the playground was barren of trees and safe, modern playground equipment. The school received a U&CF grant for an outdoor classroom and shade tree planting on the playground. The U&CF Volunteer Coordinator and a parent (who designed the planting scheme) held five workshops during the planting activities with different groups of parents, teachers, students and neighbors in proper tree selection, planting techniques, irrigation requirements, and mulching. The Reno City Mayor and State Attorney General dedicated the planting and the separate classrooms drew and presented 'tree theme posters to project contributors. The project partnered with business members, neighborhood volunteers, parents, and teachers and students to raise money for new playground equipment, irrigation and site preparation, additional plants and play surfaces. The \$3,474.62 U&CF grant award was matched by \$23,678.39.

Success Story #3

**U.S. Congressional District #2** Interest and enthusiasm in public trees continues to grow in northeastern Nevada. Elko held their first formal Arbor Day celebration this year, making it one step closer to Tree City USA Status. All that remains for Elko to become Tree City USA is the adoption of a City tree ordinance. A recent community wide landscape plan, developed by University of Las Vegas landscape architect students under the tutelage of the Nevada Shade Tree Council President, drew the attention of the community and its leaders and could move the City of Elko to act on implementing and improving its community trees within the next year. Ely and other small communities in White Pine County in northeastern Nevada are also taking an active interest in their city trees. This area successfully completed three U&CF grants this year, McGill Entryway Planting, Railroad Museum Public Lands Tree Planting, and Stoppers Field-to-Community Park, all community driven projects. These grants make a big financial impact in a city and county financially stressed and where tree planting would not be occurring without this funding assistance.

Success Story #4

**Congressional Districts 1 and 2** The Urban and Community Forestry Volunteer Development Coordinator at the University of Nevada-Reno (UNR) Cooperative Extension, started Tree News, a newsletter to increase awareness of the state Urban and Community Forestry program in the Nevada Cooperative Extension community. The newsletter announces upcoming events, features an urban tree and contains tree care information and updates. The newsletter is emailed to Nevada Shade Tree Council members, UNR Cooperative Extension Educators, and Nevada's State Legislators. Up to 350 additional copies are distributed each issue. Comments from the readership have been positive.

Success Story #5

**US Congressional Districts 1 and 2** The Millennium Grove project started with a gift of 100 American Forests Famous and Historic Trees, by then Secretary of Agriculture Dan Glickman. Sixty-five of the trees were awarded to establish Millennium groves at the schools of the four State Arbor Day Poster Contest winners, to towns making a commitment to pursue Tree City USA, and to a commemorative wetlands park south of Las Vegas. It was more difficult finding a suitable planting site for the remaining 35 (one-gallon) trees, on state land in the state capital for an official state grove site. The vacant state-owned lots in the capital city will eventually host buildings or parking lots. A location was finally found, at the Stewart Indian School Complex, a 70-acre National Historic

**Monument in Carson City.** The historic school grounds and museum provided a unique educational opportunity to combine living history with a historic monument. The planting design traces a walkway through time – from the beginnings of American History, represented by the Colonial Charter Oak, to the start of the Stewart Indian School in the 1890s, represented by the Gifford Pinchot Sycamore. State and local dignitaries, including the Deputy Director of the Humboldt-Toiyabe National Forest, the Nevada Secretary of State and Attorney General, and 50 members from the community, dedicated the grove October 23, 2000. The planting also celebrated the first “Nevada Shade Tree Week”, a week proclaimed by the Governor to plant trees and to honor the efforts of the Nevada Shade Tree Council. The project resulted in unexpected benefits including the completion of a much needed forest health survey of all the trees at the Stewart Monument and an awareness of the need and potential for rehabilitation and long range management planning of the grounds.

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

The Nevada Division of Forestry (NDF) Urban and Community Forestry Program funds one full-time program coordinator and two part-time volunteer coordinators who are primarily responsible for all program outreach and technical assistance. NDF regional Resource Managers, Conservation Camp Supervisors and crews also assist with outreach and technical assistance. The U&CF Program Advisory Board, the Nevada Shade Tree Council (NSTC), provides additional assistance to Nevada’s Urban Forestry Program by initiating and supporting urban forestry projects around the state. Following is a list of selected activities, in addition to those in the narrative section, performed by staff and partners during 2001 FFY. Initiatives/projects and programs ‘Greening Nevada’ –NSTC developed a proposal to establish 35 community gateway-planting projects in Nevada. The Council made a presentation to Senator Harry Reid, who committed to pursuing federal funding for the project. ‘Greening Nevada’ Community Planning – UNLV Landscape Architect Students, with the guidance of the NSTC President, developed community-wide urban forestry plans for the cities of Ely and Elko. Local NSTC and NDF members guided students to selected sites in the two communities and provided soils and tree selection information along with the history of the sites. Humboldt Area River Project (HARP) – Participation on a committee devoted to the restoration and recreational enhancement of the Humboldt River corridor in Elko. (underserved) Hispanic Tree Care Workshops – The Nevada Cooperative Extension, Washoe County Office, has been awarded annual funding for Tree Care Workshops presented in Spanish since 1996. Workshops are held in Reno with video-conferencing in Carson City and have been attended by 226 Spanish speaking tree workers. Nevada Department of Transportation Statewide Landscape Plan – Participation on a statewide taskforce formed to develop priority locations, suitable plant materials and design, inventory sites, funding sources and policy and procedures for landscaping on NDOT right-of-way. Nevada Library Project –Three libraries are selected each year by NSTC to receive arboriculture resource books. Since 1998, twelve libraries have benefited from this project. Steamboat Buckwheat USFWS Grant Project- As acting chair, UF Program Coordinator completed the grant project by hosting two workshops, editing and layout of the Steamboat Buckwheat Brochure, and completion of a project report. Publication and Program materials development and presentations ‘Benefits of Trees’ and ‘Tree Selection’ - PowerPoint presentations developed. Fact Sheets Updated – ‘Nevada Tree City USA’ and the State and Private Forestry ‘2000 Nevada U&CF Program’ Fact Sheet. Professional Tree Workers Seminar in Las Vegas – NDF and NSTC Members assist and present at this annual, free tree care seminar. Tree Hanger – Developed for the ‘Trees 2000’ project by the U&CF Volunteer Coordinator, Cooperative Extension, to demonstrate proper tree care, over 10,000 hangers were distributed to the public at millennium tree plantings and through participating nurseries. Tree News – See success story #4. U&CF Grant Writing Workshops – Revise/update presentation and award materials. Three to four workshops are held each winter. Technical Assistance: Blueprint for Change, Funding Request and Report’ - PowerPoint presentation and community urban forestry planning project for Pershing County School District. Elko County Environmental Week – A four day project that instructs 5th grade students on tree biology and proper tree planting. Elko Ruby View Golf Course – Tree Health Evaluation to determine cause of conifer mortality. Hawthorne Army Depot Base, Officer’s Housing - Urban tree evaluation and report. Virginia City Cemeteries - Vegetation surveys and

**reports on tree health and defensible space actions.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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**NY - 2001**

**Page 6**

Success Story #1

**Continuing management of private forest tracts subsequent to transfer of ownership is a key ingredient to resource sustainability. Long term management also acts as a deterrent to fragmentation and parcelization contributing to maintenance of a sustainable land base . A service forester in central New York who worked with an owner for over a decade, providing a forest stewardship plan, encouraging use of SIP cost share, participation in the Tree Farm program and the state's forest tax law program, was successful in stimulating the new owner of the parcel to take over where the previous owner left off. Demonstrating that the parcel had been managed under a deliberate plan for over 12 years, accruing specific ownership benefit to the previous owner, was essential in stimulating the new owner to realize that, with continued deliberate management, she could enjoy certain benefits in the future. The new owner now enjoys land that is healthy, productive and provides public benefit, has reduced real property tax liability which will allow her to invest in continued management and will realize benefit she has identified as being important to her.**

**Congressional District 27**

Success Story #2

**Forest Stewardship planning, that addresses landowner needs, can serve as a strong incentive for involved management that deters the likelihood of conversion and parcelization. Work of service forestry staff in the lower Hudson valley, where land development pressures are strong, has encouraged one landowner to take action to acquire additional forested acreage in order to more fully meet his desired ownership goals. A well designed plan prepared by the DEC service forester and subsequent enrollment in the state's forest tax law with the assistance of a private sector forester, demonstrated the potential of forest management to this individual landowner. Feeling strongly**

about the opportunities that were available to him through wise management, this landowner took action to purchase adjoining lands that had been subdivided for non forestry purposes. The actions taken in this case actually reversed the trend of parcelization and conversion to non forestry use. Congressional District 26

Success Story #3

Public understanding and appreciation for the management of forest land is a key element to have public support for forestry initiatives that provide public benefit. Outreach and education to impart knowledge and understanding to the general public and forest owners can be accomplished in number of ways. Dedicated sites and demonstration areas have a distinct advantage of being available for organized events as well as casual visits by the public. A cooperative effort between DEC service forestry staff in New York's finger lakes area and county extension staff has resulted in the establishment of a demonstration area showing crop tree management techniques on a portion of the Village of Bath's town park. It is estimated that up to 10,000 people visit the park annually many of whom will visit the demonstration site and read informational signage. State, county and local resources contributed to establishment of this valuable site that will be available for public outreach and education programs conducted by various resource agencies and organizations. Congressional District 31

Success Story #4

Working with the New York Forest Owners Association, service forestry staff and private sector foresters from central New York, were involved in a landowner education program that helped to impart knowledge that will improve the quality of management on private forest lands. A workshop titled "Be a Forester for a Day" involved 30 landowner participants in developing and applying thinning regimes to a stand of trees situated on a tract of NIPF land. Small groups of participants working with a professional forester, through a hands on process, conducted a stand analysis, developed a thinning prescription, applied a marking and concluded with actually felling stems. Participants were able to view the stand before and after treatment, gaining an appreciation for the process of developing a silvicultural treatment for a stand of trees not unlike that which they own themselves. Upon conclusion participants expressed a feeling that with the knowledge gained they would be in a better position to wisely manage their own forest lands. Congressional District 31

Success Story #5

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

Page 10

Success Story #1

Annual State ReLeaf Conference - Participants in the 9th annual New York ReLeaf conference at the University of Rochester on July 12th - 14th 2001, enjoyed beautiful scenery, weather and trees while taking in some local flavor and history. These are often the side benefits one receives while attending a ReLeaf conference. The main reason most people come is to learn and share information about urban and community forestry. Twelve indoor workshops were presented concerning various technical and community oriented topics ranging from tree protection and preservation to the benefits of healing gardens. Tours of nearby Highland Park and Mt. Hope Cemetery touched on local

history, proper pruning, tree identification, hazard tree evaluation, rotational pruning and site evaluation. On Friday night, a delicious barbeque was served up at Genesee Valley Park. The final event on Saturday was a tour of Rochester that demonstrated the rich tradition of urban forestry the city has enjoyed for over one hundred years. But perhaps the best thing the conference had to offer was a chance to mingle with peers, experts and volunteers that all share an interest and passion for the tangible and intangible benefits that trees impart to their communities. No matter what inspired people to attend, I am sure that they came away from the conference with an increased understanding and appreciation of the roles that trees and their caretakers have in helping communities become a more desirable place to live and work.

#### Success Story #2

**Arbor Day - New York State continues to utilize Arbor Day to raise public awareness of the importance of tree planting and care. This year's State Arbor Day celebration was held at the Governor's Mansion in Albany, New York..The ceremony was hosted by Lieutenant Governor Mary Donohue and involved Department of Environmental Commissioner Erin Crotty who unveiled the New York State Arbor Day Poster. Besides the excitement of the Arbor Day Poster unveiling, the event highlighted the winning School Spruce Up project submitted to our Long Island ReLeaf Committee from the Lynbrook North Middle School. Lynbrook North created, with the participation of many school sponsored clubs, a collaborative work in the form of a landscape project design. The landscape project was implemented with the help of school maintenance workers and urban and community forestry volunteers. Representatives from the Department of Environmental Conservation and the Department of Agriculture and Markets attended a ceremony culminating the work of the students with a dedication and tree planting. Also celebrated at the Lynbrook North ceremony was Long Island Power Authority's presentation of the Tree Line U.S.A. award. On hand to receive the award was Chairman Richard Kessel. LIPA has earned this award for three years in a row. The Niagara Mohawk Power Corporation, who headquarters in Syracuse, New York, also received the Tree Line U.S.A. award again for the second year in the program. There have been indications throughout the industry that the Tree Line U.S.A. program certification reflects the positive participation in careful and knowledgeable urban forestry and reflects conscientious employees who make it possible. It also makes a statement to the community at large about cooperation, goodwill and the need for continuous tree care. New York expects at least a 50% rise in the participation level in the Tree Line U.S.A. program for 2001. This year's State Arbor Day Poster Contest for elementary students has a new format. A partnership has been formed with the State Education Department and the Department of Agriculture and Markets. By partnering with these two State agencies, DEC will have a broader outreach to the community and the participants will recognize the benefits derived from such participation. Over 3,000 schools are anticipated to participate in the contest. ReLeaf volunteers throughout the state will be judging the entries at the regional level. A state winner will be chosen from a group of judges from the Central office in Albany.**

#### Success Story #3

**Historic Sites - A collaborative partnership between City of Poughkeepsie, Dutchess County, volunteer not for profit citizen groups and private environmental organizations dedicated to funding the purchase and preservation of grounds of national historic register mansion, including large specimen trees and endangered species on approx. 1acre green space entirely w/in city limits. The site has been in immanent jeopardy of a subdivision development. DEC foresters have served as impartial environmental consultants to assess environmental resources on the property and make recommendations for their sustainable management This will continue, to be supplemented by a long range vision for the site as an educational program laboratory and study site for local schools, institutes and municipal planners. DEC will provide the urban/community forestry perspective in this effort as well as help to coordinate maintenance of the specimen trees, one of which is the formerly recognized NYS Champion butternut tree, listed by the US Fish and Wildlife Service as endangered. The tree has shown remarkable resistance to the canker disease devastating the species around the nation. Propagation efforts to clone the tree distribute the progeny around the country:**



also, numerous seedlings will be nurtured by DEC's Saratoga Nursery, most likely for distribution through its free School Seedling Program. In the lower Hudson Valley DEC foresters are assisting with invasive species control, historic old time plant material reestablishment, stream course erosion mgt., buffer zone maintenance, etc. at the historic Madame Brett Homestead, City of Beacon, the oldest dwelling in Dutchess County, dating from 1709.

Success Story #4

**Quality Communities Interagency Task Force - New York State's Quality Communities Interagency Task Force, conducted a multifaceted and interdisciplinary study of issues which might impact the creation of community visions. The Task Force was asked to inventory local, State and federal programs which affect community development, preservation and revitalization goals of urban, suburban and rural municipalities; to obtain broad public comment; to consider balanced growth and the need for economic development; to consider housing and other community service needs; and to develop recommendations to strengthen local capacity for change. The Task Forces final report stated that "beautification of Main Streets is a critical**

Success Story #5

**New York State Big Tree Program - Capital District ReLeaf has been putting together New York's Big Tree database, to be complete this winter. The Capital District ReLeaf program including staff from the Landis Arboretum has spearheaded the project by scouring New York's capital district. Foresters from across the State have been searching for and remeasuring the trees currently on the list. The program has received a lot of interest from the public. In the coming the year a media event, a web site, and Big Tree measurement workshops are planned.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Program Overview - Looking at the big UCF picture as it relates to the direction of our service program among communities, agencies, NFP groups and citizens involves emphasis on helping to manage community and public open/green spaces. While there will always be a significant demand to seek professional consultation and technical assistance in the older "traditional" UCF sphere of managing public row street trees, the dramatic pressures of urban/suburban sprawl outward from the State's major cities have motivated many regional communities toward greater appreciation, conservation, and innovative funding for acquisition programs and wiser management of the open spaces and natural areas remaining within their jurisdictions. DEC continue to strive to train more communities and agencies to understand the parameters of urban/community forestry and take increasing charge of tracking their own resources, notably street trees, in quality, quantity and overall maintenance of a balanced urban forest. Training, tools, resources, consultation and technical assistance have been continually made available as needed. By investing energy to take a more central role in monitoring and management of their own resources communities can develop more self confidence and continuity in their program staff and make more timely and effective management decisions**

**Page 12**

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Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**OH - 2001**

**Page 6**

Success Story #1

**Stewardship Success One cooperater who came to mind in the last several weeks lives and works in New York City. Sam Bowman is a stockbroker on Wall Street and was just getting off the subway when the first plane hit the Twin Trade Towers on September 11. His office building was evacuated, but several of his co-workers and he decided to wait a short while before leaving because of all the falling concrete and steel. He walked over twelve miles to his apartment because public transportation was no longer available. Sam's 575 acre farm is situated over 500 miles away in Clark County, Ohio. I have been working with Mr. Bowman for the last three or four years and 50 acres of woods on his Shawnee Farm have recently been certified under the American Tree Farm system. I checked with his sister in Springfield to make sure he had come through the ordeal OK, and will await his next visit to the country to hear any details he may want to share. Sam has always been appreciative of the service I was able to provide, from general tree planting information to the more detailed stewardship plan and Tree Farm designation. I knew that he had been approached several times in the past by timber buyers wanting to cut all the merchantable timber on the farm. While I do believe that a harvest may be needed in the not-to distant future, I have chosen to emphasize the interplanting of oaks in the more open areas of the woods, which is now fenced off from the beef cattle that graze on the adjacent pastures. Timber stand improvement practices to reduce the number of invasive vines and shrubs have also been recommended. Sam may be a little more familiar with parks and preserves, but has been very open to management practices that will improve his woods over the long run. I have been flattered by the trust he has shown in my knowledge of what works with the timber stands in this part of the country. Clark County has over 150,000 people living in Springfield and the sprawling suburbs. It is the most heavily populated county in my project. Less than 10% of the land is still in woodland cover, so it is important when one of the larger woodlots in the county is put under management. I believe that Mr. Bowman will speak positively to other landowners in Clark County and that I will get on more properties to promote the wise use of our woodland resource.**

Success Story #2

**Stewardship Success Thinking of a landowner that had not had a previous experience or contact with a Forester wasn't a challenge. Thinking of one that had taken our management plan and implemented it was a little bit more taxing. Finding one that stands out a success story and I thought of the McNeilan brothers. Dave and Jerry are the type of landowners that keep me on my toes for they take my word, written or spoken, as gospel. I first met these brothers in response to their having just purchased a new farm that had a woodlot on it. They knew that someone had done something in there as they found dead, girdled trees (Honeylocust) but weren't sure why these trees had been killed. Checking the files, I found that the previous owner had done a TSI using a vendor and cost share money. This was to improve the numerous walnut on the site. They were quick to understand**



the why's and benefits of timber stand improvement. The brothers also understand that they will some day benefit from what that owner started. This initial visit of 9/15/99 also found us going to three other farms , each with corresponding woodlot. As with most of the farms in western Ohio, each woodlot was different so we compiled a written management plan for each. One woodlot had been pastured for an extended period of time with a creek dissecting the woodlot. This had caused a change in species but not in structure or size classes. This meant harvesting the older pasture trees in two sales to eliminate skidding across the creek. A second woodlot might have been lightly pastured yet it maintained most of its size class distinction. The third woodlot had been heavily harvested just prior to their purchase and contained mostly sapling to pole size class trees. The first management step was to treat the grapevines in the west half of the "creek" woodlot. Once complete d, this section was marked for harvest as the field along side was in wheat stubble and a tile outlet was set to go through the woodlot to the creek. Some mature and near mature trees would be impacted. A second harvest will take place on the east side of the creek when the field between it and the road is in wheat stubble. (This is common in the area for summer time harvests.) The second year, the second woodlot was marked for harvest without prior management needs as grapevines were absent. As with the first harvest, the field between the woodlot and the road would be in wheat stubble in the coming summer (2001). The next step will be to return to the western most woodlot, nearly to Indiana, to mark a crop tree release that would also supply two homes with firewood for a couple of years. Not only is this woodlot ready for the crop tree release but due to the extreme past harvest, many of the crop trees are various species of oak. The final sweep through the woodlots will be back to the walnut woods of the i nitial visit to release any walnut needing additional space since the timber stand improvement of twelve years ago. These brothers understand the benefits of viewing their woodlots are "crop fields" and as with any other commodity, better management produces greater income sooner. Of course they do realize the wildlife and watershed also have greater benefits as well.

Success Story #3

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

Since the New York City and Chicago Asian Longhorned Beetle (ALB) outbreaks, the Division of Forestry has mobilized to address this possible threat to its urban forest resources. An ALB Taskforce, subsequently moved to the Ohio Department of Agriculture, was formed and an ALB survey protocol was developed with Davey Resource Group. Using unused funds from the Mid-Atlantic Center for Urban and Community Forestry at the Morris Arboretum, Ohio was able to further address its Asian Longhorned Beetle (ALB) effort by surveying at-risk facilities around the state. The Animal Plant Health Inspection Service provided the Division with the names and addresses of several companies that were potential ALB candidates because of the type of materials they receive or previous finds. No beetles were found in the vegetation surrounding these facilities. In addition to the above, an ALB awareness campaign was initiated for Ohio's commercial, municipal, and utility arborists. This included presentations at their various training seminars and a web based Flash animation to help identify the insect and its damage, and to provide a clear procedure for notification.

Success Story #2

**By partnering with the Ohio Environmental Protection Agency, the Division of Forestry has been able to create a statewide municipal tree planting grant program. Using a percentage of air pollution fines, the Urban Forestry Program administers an annual grant program of up to \$400,000. Last year 25 communities, that demonstrated a capability to effectively manage their urban forest resources, planted 3,487 shade and ornamental trees on municipal rights-of-way. These plantings not only enhance air quality, but also, meet the architectural, engineering, climatic, and aesthetic needs of the recipient community. Grants are competitive and based on a community's urban forestry commitment, not tree planting needs.**

Success Story #3

**A severe rift developed between a community and its investor-owned electric utility. This stemmed from the community's belief that they could legislate the pruning policy of the utility within their municipal boundary. The utility was firmly opposed to this course, and threatened legal action. Since municipalities are the Division of Forestry's primary clients, and utilities are important urban forestry stakeholders, the Urban Forestry Program attempted to mediate a settlement between them. A meeting was held among the parties that had statewide ramifications. The objective was to "end the problem, but not the relationship". Because of this meeting, an ordinance is jointly being developed that both the municipality and utility find workable.**

Success Story #4

**While implementing the statewide urban forestry mission, Ohio's six regional urban foresters conducted 116 educational programs (4,892 seat hours), made 99 referrals to the private sector, provided 596 assists to 203 individual municipalities, and received 236 seat hours of training.**

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Using resources from the Upper Muskingum Watershed Initiative, a few urban forestry "awareness tools" were developed that had statewide application. A six-minute video, entitled It Begins With Commitment was developed to give a general overview of urban forestry and its benefits. An accompanying PowerPoint program discussed specifically how Ohio's Urban Forestry Program would assist communities with their local programs, while leave-behind brochures were developed using the same theme. Additionally, a four-minute Flash presentation on the Asian Longhorned Beetle was created for the World Wide Web.**

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What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Strategic goals being met include facilitating forest industries with information and assistance regarding the resources and organizations that are available as partners and resources to help their business grow and be more viable.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

**Program contributions include logger training in BMP practices for logging jobs. This directly meets state needs to maintain water quality standards and to maintain the logging communities integrity in public eye.**

Products developed from the program. Special initiatives efforts/programs.

**Currently working on developing a new BMP handbook, current version is in need of improvement and must be compliant with reciprocity agreements with neighboring states.**

Success Story #1

**Simply by being aware of the local market players was able to direct a buyer of a wood fiber company to a local source of supply and directly help support the local forest industry.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

#### **Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

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Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

#### **OK - 2001**

##### **Page 6**

Success Story #1

**Total participants in Oklahoma's Forest Stewardship Program currently stands at 978 landowners owning 241463 acres of which 50 landowners and 26525 acres have been recognized.**

Success Story #2

**The Forestry Services Division of the Oklahoma Department of Agriculture estimates that approximately 200,000 to 300,000 acres of forest land suffered significant damage with the passage of the 2000 ice storm. Oklahoma has utilized the supplemental federal ice storm and national fire plan funds to help provide multiple resource recommendations to affected landowners leading to the treatment of 2700 acres for the reduction of wildfire risk and promotion of forest health.**

Success Story #3

**Oklahoma Forestry Services Division has also engaged in a partnership with Langston University to outreach to non-traditional landowners and underserved publics to increase forestry awareness and promote resource conservation. Langston has sponsored 23 informational meetings attended by 291 landowners, of which 107 were minorities or underserved farmers or forest landowners.**

Success Story #4

**In cooperation with the Governor and secretary of Agriculture offices, Oklahoma Forestry Services Division sponsored the first ever Oklahoma Forestry Award of Excellence, which was presented to Quintus Herron of Idabel, Oklahoma.**

Success Story #5

##### **Page 8**

## 2001 Narrative Report

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**Oklahoma Forestry Services Division conducted an exploratory visit with the Forest Service to discuss future participation of the State of Oklahoma in the Forest Legacy Program. Future plans include possible development of a State Assessment of Need in FY 2002.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**Highway Tree Planting Program: On-going Projects in all Congressional Districts. Forest Services continues to work with the OK Dept of Transportation to administer a statewide highway tree planting program. This year, we are issuing \$440,000 in tree/shrub planting funding to 26 groups, communities and non-profits across the state. 1.5 million dollars was secured through the Federal TEA-21 program to promote the planting of trees and shrubs and irrigation systems. We have been able to use the funds to hire additional staff as required to run the program.**

Success Story #2

**Ice Storm Recovery: Recovery money will be offered to communities in Brad Carson (dist. 2), Wes Watkins (dist. 3) and J.C. Watts (dist. 4) Congressional Districts. An unusual weather system developed across southeastern Oklahoma on December 25, 2000 and left a considerable impact on the forest resources of the region. Up to two inches of ice coated an 39 county area and caused significant destruction and damage to trees, property and infrastructure. We will continue providing assistance to communities affected by this unusual event.**

Success Story #3

**Statewide Arbor Week Centennial Celebration: Tree City USA Communities in all Congressional Districts. Once again, the statewide, award-winning Arbor Week activities were highlighted by an annual celebration recognizing all of the Tree City USA communities in the state. This popular event took place at the state capitol in March. This allows time to meet with state legislators and thank them for their support of urban forestry issues. This creative approach to building support for urban forestry also received a prestigious Award of Excellence in the Government: Education & Promotion category from Keep Oklahoma Beautiful, Inc. This year the theme was the "History of Trees in Oklahoma." We celebrated our Centennial officially recognizing Arbor Day in Oklahoma.**

Success Story #4

**Trees for Schools: Participation open to schools in all Congressional Districts. A partnership with The National Tree Trust continues to allow us to provide sapling trees to schools across the state. Oklahoma Forestry Services orders seedlings from NTT and plants them in pots. After one year's growth the seedlings are seven-foot tall saplings with well-developed root systems. They are adopted by schools from all over the state and are planted during Arbor Week ceremonies at the local schools. This original program has resulted in a wonderful urban forestry planting program that schools enthusiastically support. Several thousand trees have been adopted in this way since the program began in 1996.**

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives

## 2001 Narrative Report

efforts/programs

### Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

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Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

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## OR - 2001

### Page 6

Success Story #1

**Congressional Districts All In February 2001, the Board of Forestry and the Oregon Department of Forestry hosted a symposium, "The Oregon Family Forestlands Symposium". The symposium was designed primarily for family forest landowners who wanted to have an impact on future Oregon forest policies relating to family forest landowners. The symposium, and four regional roundtable meetings held prior to it, tapped into an unexpected strong current of opinion and feeling shared by family forestland owners from across the state. More than 300 family forestland owners shared their view on a wide range of topics. They talked about their role within Oregon's forest economy, the general public's understanding (and sometimes misunderstanding) of that role, the opportunities and barriers to achieving sustainability of their forestlands and their hopes for a policy environment that takes better account of their situation. Their opinions were as diverse as the landowners themselves, but several common threads emerged from this discussion. A publication is being produced to capture these themes in order to help the Board of Forestry, the Department of Forestry, the Committee for Family Forestlands and other decision makers clarify the next step in addressing the particular concerns of these forest landowners. This symposium and publication was made possible by a \$10,000 grant from the US Forest Service, Cooperative Forestry Program and approximately \$70,000 in donations from other organizations.**

Success Story #2

**Congressional District #2 A significant project, several years in the planning and coordination phase, was completed this year in the Upper Grande Ronde River watershed. This project relocated miles of draw bottom road along a steelhead spawning stream to a ridgetop location, decommissioning the draw bottom road. This project worked across public/private ownerships. continuing to allow public**

access to US Forest Service land while meeting private landowner objectives. Strong partnerships between federal, state, and local agencies and private landowners ensured the success of this and other projects. Funding for this project included Blue Mountain Demonstration funds (FRM), Oregon Watershed Enhancement Board funds(state), and other fund sources. The private landowners contributed over 25% in matched funding.

Success Story #3

**Congressional District #4 Using Forest Resource Management funds, the Oregon Department of Forestry (ODF) Service Foresters are able to provide on-site technical advice to thousands of family owned forest tracts in the state. One note worthy project involved nearly 200 acres of reforestation on steep, highly productive ground above the town of Mapleton in the Central Coast Range. This particular parcel had not been reforested by the previous landowner, in violation of the Oregon Forest Practices rules. Typically, 95%+ of harvested acres in Oregon are reforested in compliance with the Oregon Forest Practices rules. This parcel was one of the exceptions, and a large one at that. As logging had occurred several years before, the hillside had re-vegetated to heavy brush species. A potential buyer, despite knowing of the reforestation obligation and a considerable silviculture challenge, saw the potential of the site and purchased the property. He subsequently contacted the local ODF Service Forester for technical advice. While the site was not eligible for financial assistance (due to Oregon's reforestation laws), the local Service Forester was able to visit the site and help the landowner develop a plan to reforest the ground. Along the way the Service Forester was able to guide the landowner, and provide information on seedlings, nurseries, consultants, helicopter contractors, chemical selection and tree planters. The seedling are on the way to becoming a fully established and healthy young forest.**

Success Story #4

**Congressional District #4 Pacific Coast Demonstration Area. Funds for cost-sharing targeted on the Siuslaw Watershed have become available to landowners. These funds are particularly welcome as federal cost-share dollars going to Oregon forestlands have been reduced by close to 90% since the mid-1990s. The funds are being used on a variety of practices across the lands cape. From riparian plantings to upland no-commercial thinning, these funds are valuable in achieving healthy watersheds. Interest has been keen in the two months since sign-up began. The first project was recently completed – releasing a 30 acre stand of young conifer trees from overtopping native and non-native competing vegetation. Among the partners in the Pacific Coast Demo Area are USFS - Siuslaw National Forest, the Oregon Department of Forestry, the Siuslaw Watershed Council and the Siuslaw Soil & Water Conservation District.**

Success Story #5

**Congressional District #5 Over the last year, the West Oregon District has worked closely with the Mid-Coast Watersheds Council to replace three undersized and poorly functioning culverts in fish bearing streams . One of the replacements was in Wright Creek, a tributary to Yaquina Bay and the other two were in un-named tributaries to the Little Elk. The Little Elk is a tributary to the Yaquina River. All of the projects were in Lincoln County. These replacements opened up several miles of stream to anadromous fish passage and enhanced access for juveniles. All of these enhancements were completed on small landowner holdings. The Toledo unit Service Forester provided technical support for these projects which included design, installation and supervision. In addition, technical and design support was provided for two pending culvert replacements. These culverts will be removed and replaced with flatcar bridges this coming summer.**

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2



Success Story #3

Success Story #4

Success Story #5

Page 10

Success Story #1

**Congressional Districts # 1,3,4,& 5 An American Forest Regional City Green Ecosystem Analysis was developed for the Lower Columbia and Willamette Valley region. This analysis was very unique by bringing together 9 communities in Oregon and Washington in a regional ecosystem analysis. This analysis will provide these communities with the tools necessary to make more informed decision for development and tools to secure more funding at the local, state and federal level for urban and community programs aimed at the preservation and restoration of their city's tree canopy. The state program served a very important role by bringing these communities together and providing coordination and communication for a successful project. The project has networked these communities in a combined effort to tackle the important issues of Salmon Recovery, Endangered Species, Economic Viability and Community Livability.**

Success Story #2

**Congressional District # 3 Friends of Trees is the leading non-profit tree planting organization in the State of Oregon and in cooperation with many partners has accomplished a great deal for the urban and community forests of Oregon. They have successfully planted over 144,000 trees while building a self-sustaining volunteer tree planting organization generating over 10,000 hours of volunteer tree services each year. Through a grant with the program, a volunteer leadership training manual has been developed and serves as a model for other Oregon community volunteer organizations.**

Success Story #3

**Congressional District # 3 Through a grant, the City of Portland was able to further develop their "Save the Elms" program. This model program is a neighborhood and city partnership to maintain the health of the majestic Elms trees gracing neighborhoods in the city. The program is managed by the neighborhood association organization with the technical and some financial assistance from the city. The effort is an excellent example of a citizen, neighborhood based effort to maintain the health and sustainability of their community forest. With an inventory of the neighborhood Elm trees, trained neighbors perform the tasks of inspecting and monitoring the trees and systematically inject the trees for control of the principal vector. As part of the grant, the city is in the final stages of writing a guideline and handbook for this program that will be used as a model for and shared with other Oregon communities.**

Success Story #4

**Congressional District #2 The City of La Grande is the fourth success story for accomplishments in their Urban and Community Forestry program. La Grande is a smaller eastern Oregon community that has been the recipient of the Oregon Urban and Community Forest Council's Oregon Tree City of the Year Award and continues to be a leader in the state. Through a grant with the program, the city has recently performed a comprehensive street tree inventory which will be incorporated as a management tool in their community forestry management and is planning downtown revitalization that, of course, includes the right trees in the right places. An additional grant has enabled the city to develop a downtown tree walk featuring mature examples of recommended street tree species in appropriate places. In addition, they are the proud owners of a State of Oregon Heritage Tree. In all of these efforts, La Grande works effectively with their stake holders, neighborhoods, partners, and businesses in their continuing efforts to improve and enhance the livability of their community through trees.**

Success Story #5



**Congressional Districts #1,2,4,& 5** The program completed the third “community Tree Management Institute” in 2000. This unique year long 40 hour course is designed for the tree person working in the community that deals with tree issues and covers the entire spectrum of urban and community forestry from management to maintenance, from preservation to restoration, from incentives to regulations, from funding to volunteers. The students for this course were from the following 15 communities; Ashland \*(2), Albany (4), Beaverton (5), Central Point (2), Eugene (4), La Grande (2), Pendleton (2), Salem (5), Springfield (4), SunRiver (2), Talent (2), Tualatin Hills and Parks Recreation District (1), Wilsonville (5) and Scio (4). These students join the other graduates of this course in forming the network nucleus for the state’s urban and community forestry program. \*Please note the number following the location is the US Congressional District number.

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Narrative Analysis Oregon Urban and Community Forestry Program In Oregon, Tree City USA** certification was awarded to 36 communities. A spreadsheet is attached for more detailed information. Previous sub-grant information was provided in the ODF Status and Accomplishment Report – Outstanding Consolidated Payment Grants report dated 9-27-2001. In the most updated information, the state has provided \$110,523 for 22 projects statewide with a projected leveraged match of \$377,098. In addition, the U& CF program provided \$24,950 for 10 projects to enhance and restore the Willamette River Basin Riparian areas with a projected leveraged match of \$105,118. The program, in partnership with Oregon Community Trees held the third annual summit “Enhancing Livability Through Community Trees” highlighting the relationship between urban development, neighborhood livability, salmon recovery, city green spaces and urban forest sustainability. The program continues to support the grassroots efforts of non-profit organizations in the state including Friends of Trees and Saturday Academy in Portland, Klamath Community Forestry Council in Klamath County, Monmouth Legacy Forest in Monmouth, and Bend Community Trees in Bend. In addition, the state cosponsored the 9th annual High Desert Green Industry Conference in Bend Oregon along with a series of other educational workshops for educators, arborists, utilities, communities and general public including the Fire Wise Community Workshop. The state published the urban and community forestry 5 year strategic plan, “Managing Sustainable Community Forests - An Urban Forestry Plan for More Livable Oregon Communities”. In addition, the program provided technical assistance to the Oregon Downtown Development Association in their publication titled “Street Tree Handbook”.

**Page 12**

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Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

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## 2001 Narrative Report

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

### PA - 2001

#### Page 6

##### Success Story #1

**“Forest Leaves”** “Forest Leaves” is the combined newsletter of the Pennsylvania Forest Stewardship Program, Pennsylvania State Tree Farm Committee, Sustainable Forestry Initiative (SFI) of Pennsylvania and Pennsylvania Forestry Association. Previously, all four of these organizations provided newsletters to interested forest landowners and members. Some readers received three or four newsletters. Combining newsletters has proven to be a very efficient way to convey information. Printing cost is minimal per newsletter. Each organization pays the postage for its mailing list. Duplicates are not sent. Members of each group benefit from reading articles submitted from all sources. We have one editor. “Forest Leaves” has a circulation in excess of 16,000 readers.

##### Success Story #2

**Bald eagle State Forest Stewardship Demonstration Area** This demonstration area is one of many across Pennsylvania intended to introduce landowners and the general public to different methods of timber harvesting along with their benefits and consequences. The area consists of 25 acres and has been broken down into 9 different blocks ranging in size from 2 – 4.5 acres. Eight different harvesting methods are shown, along with a control block where no cutting was done. The timber harvesting alternatives do not all represent good forestry. Those not representing good forestry practices are often used on privately owned Pennsylvania forestlands. This area gives the Service Forester an opportunity to show landowners the difference between sustainable and non-sustainable forestry practices. A trail guide is available for a self-guided tour. Guided tours are scheduled periodically.

##### Success Story #3

**Northwest Forest Landowner Conference at Erie** Each year we have several forest landowner conferences across Pennsylvania. On January 27, 2001 the Northwest Forest Landowner Conference took place. Each year this conference attracts nearly 200 people. About half are first time attendees. This year, speakers made presentations on wildlife, from songbirds to whitetail deer. The topic for 2002 will be sustainable forestry. The Forest Landowner Conference is a cooperative effort between the Bureau of Forestry, Penn State Forest Extension, Pennsylvania Game Commission, local consulting foresters and others. The Northwest Forest Landowner Conference is an excellent source of information for forest landowners.

##### Success Story #4

##### Success Story #5

#### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

##### Success Story #1

##### Success Story #2

##### Success Story #3

##### Success Story #4

##### Success Story #5

**Page 10**

Success Story #1

**Growing Your Future Environmental Career Day "Swinging in the Trees", "Creep with the Crawlers", and "Frankenstein's Plants" illustrate just a few of the 24 interactive hands-on stations over 200 Philadelphia eighth graders experience while focusing on career choices in natural resources and the green industry. "Growing Your Future" is an outdoor festive event designed to encourage students to stay in school, explore environmental fields, link teachers with natural resource professionals for service learning, and give exposure to local environmental organizations with volunteer opportunities. Cooperative Extension offices in 8 states (NV, IL, KY, TN, AL, MD, KS, and DE) have requested materials on how to conduct this event. The program has been nominated for a 2001 National Arbor Day Foundation Educational Award. Congressional districts impacted by this are 1, 2, & 3.**

Success Story #2

**Communities Working Together For the past three years the Northeast Pennsylvania Community Tree Association has organized a regional group tree purchase for community tree programs. It began with two communities purchasing hydrogel dipped bare root trees following a workshop held with Dr. Nina Bassuk from Cornell University. The second year, the tree purchase grew to eight communities ordering about 250 trees. This past spring, 15 communities, PenDot, and Keystone College purchased over 600 bare root trees. By ordering together the communities save money on shipping costs, enjoy reduced costs from balled and burlap trees, enjoy lighter trees easily planted with volunteers, receive trees with 200% more roots than B&B, and work with an urban forester on plant selection. Congressional districts impacted by this are 10 & 11.**

Success Story #3

**Watershed Protection With the recent sale of over 40,000 acres of watershed lands in northeastern Pennsylvania that were once owned by the Pennsylvania Water and Gas Company, urban forestry programming has focused on this issue. In partnership with a local land trust, conservation district, and other partners, a public workshop titled "Why Protect Our Watersheds: Understanding Impacts that Effect the Quality of Our Water Resources" was held. The Penn State Center for Watershed Protection was brought into the region for this evening seminar, which was followed the next day by a workshop for planners, municipal officials, and conservationists that focused on better site design and amending local zoning and subdivision codes to promote watershed protection. Congressional districts impacted by this are 10 & 11**

Success Story #4

**Erie Tree Planting in Little Italy Erie's oldest neighborhood is banding together to create a model of youth and community planted pocket gardens. The Trinity Center neighborhood tree inventory provided recommended planting sites to the City of Erie, which, then planted 40 trees for the second year in a row. Volunteers from the Trinity Center and cooperators planted an additional 17 trees. Trained and supervised Erie high school students inventoried existing trees in September, 2001 to help determine maintenance and planting needs. Congressional districts impacted by this are 21.**

Success Story #5

**Pennsylvania Publication Helps New Mexico Communities The New Mexico Forestry Division ordered 5,000 copies of the Penn State Cooperative Extension publication "Planting Trees in Your Community Forest by Sylvan and Friends" for its community replanting efforts following the 2000 "Cerro Grande Fire." According to George Duda urban forester with the New Mexico Forestry Division, the publication will be made available to citizens of Los Alamos and other communities damaged in the fire. "Its universal presentation of tree planting and care for all ages is most appealing," he said. Congressional districts impacted by this include all of Pennsylvania.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Interesting Research- Function and Sustainability of Small Town Tree Programs** Measuring the sustainability of our community forests is becoming increasingly more important with a better understanding of the role green infrastructure plays in the quality of life and sustainability of our communities. In 1997, James R. Clark, Nelda P. Matheny, Genni Cross, and Victoria Wake created a working model of sustainability for urban forests in large cities. After reviewing the model created by Clark, et al., we set out to investigate how the model applied to much smaller municipalities. A survey instrument was developed to measure the attitudes and behaviors of municipal tree commission members concerning a sustainable community forestry program. Questions were broken into sections on tree values and benefits, tree planting, tree management, tree maintenance, tree preservation, tree commissions, and program funding. This survey was mailed to 265 shade tree commissioners in northeast Pennsylvania. Next a "Survey of Municipal Tree Programs" consisting of 93 questions asking for factual data about community tree programs was developed. Questions covered the 16 criteria in Clark's Sustainable Urban Forest Model and were broken into sections on tree inventory and inspection, tree planting, tree health, tree commissions, volunteers, community relations and education, tree ordinances, and program funding. This survey was mailed to the chairpersons of 65 shade tree commissions in northeastern Pennsylvania. Results of the surveys suggest that tree commissioners understood the components of a sustainable community forest. They also demonstrated that commissioners expressed strong agreement with the value and need for program components. However, there were strong differences between what commissioners felt was important and what they were actually doing. Data gathered on the behavior of community tree programs suggested a number of obstacles to program success. In order to explore reasons for the differences that were seen between what communities said should be done and what was being accomplished a focus group of active tree commissioners was convened to discuss obstacles and the important components of a sustainable community tree program in a small town. Congressional districts impacted by this include all of Pennsylvania.

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

**Pennsylvania's red maple growing stock is increasing. At the same time, there is a continual need to replace short span, low volume road bridges. Economical options for bridge replacement will benefit the economy and standard of living for citizens of Pennsylvania.**

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

**Approximately 28 percent of the 590,000 road bridges in the United States need repaired or replaced.**

Many of these bridges have short spans (less than 60 feet) and are on low volume roads. Modern timber bridge technology provides an efficient alternative for replacing these structures as the need arises. To date, the Pennsylvania timber bridge effort has demonstrated that red maple glulam bridges can be designed and constructed throughout the state. A number of these bridges have been in place for several years. This is providing actual performance information in regards to the structural adequacy of these bridges.

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

In federal fiscal year 2001, one special project grant in Pennsylvania was officially completed. The purpose of this project was to: 1) Develop a systemic approach that enables a glulam fabricator, independent of a sawmill supply source, to conduct visual stress-rating (VSR) and/or mechanical E-rating of hardwood lumber; 2) Characterize defect and recovery information about hardwood dimension lamination stock; and 3) Compile and prepare a summary of the process requirements that hardwood sawmills must be aware of to produce nominal dimension lumber products that are acceptable to glulam manufacturers for application to glued-laminated timber bridge projects. Project results included the development of the publication titled "Guidelines for Producing Hardwood Structural Lumber for Glulam Production" and a final report titled, "Defect Characterization and Recovery of Dimension Glulam Lamination Stock from Non-Stress Rated Red Maple Lumber Supplies."

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

Barriers/limitations continue to be : - poor perception of timber as a long-term structural material for transportation applications, - lack of knowledge about designs, preservatives and construction techniques, - quality control in the construction of structures - an economical and available supply of structural material from underutilized timber species for use in transportation structures. The cost of using red maple as the raw material for timber bridges in Pennsylvania continues to be a concern. Even though growing stock volumes are increasing, traditional structural softwood species such as southern pine and Douglas-fir continue to be economical. The current focus is to explore the use of these conventional wood species either in combination with red maple or without incorporating local Pennsylvania hardwoods.

## PL - 2001

### Page 6

#### Success Story #1

We are very happy to see one nursery completed and in plant production utilizing supplies provided and to the extent of recycling cans and plastics in their operation.

#### Success Story #2

Endemic plants collected from the Compact Road alignment. Saplings were reared from nursery and used for landscaping project.

#### Success Story #3

A nursery training held last year by Robert Wescom have generated interested among other government agencies to take part in a proposed nursery training to be held in November this year.

#### Success Story #4

#### Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives

## 2001 Narrative Report

efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 10

Success Story #1

**The Earth Day program conducted in 2000 was a success story coordinated between Forestry, Environmental Protection Board, Palau Public Health, and Koror State to conduct Tree planting - Health campaign.**

Success Story #2

**The Ngiwal First Lady Nursery has been completed and in full plant production. It has 4,000 plants in stock and transplanted 420 for beautification program.**

Success Story #3

**The workshop on the Survey of selected forests along the Compact Road has been completed and plots establishment will soon be carried out.**

Success Story #4

**The Community Forest Inventory report that was funded by 1999 grant proved to be an interesting report. The U&CF Council recommended that the rest of the communities not covered in the survey be inventoried.**

Success Story #5

**The invasive campaign for the eradication of African Tulip, Octopus Tree, Imperata cylindrica and Mikania has started.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Some brochures on invasive weeds present in Palau has been developed and provided to goverment agencies, public and private bulletins.**

### Page 12

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What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5



**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**PR - 2001**

**Page 6**

Success Story #1

**Forest Stewardship Program** The DNER and the IITF continued with the implementation of the P.R. Forest Stewardship Program in coordination with Envirosurvey, Inc a non-profit organization dedicated to multiple natural resources planning, which also participated in the development of the (25) plans reported in FY 00. Under this coordination for FY 01 a total of thirty - one (31) Forest Stewardship Plans were prepared. These plans covered a total of 1019.56 acres, which means an increment of 218 percent over the 466.29 acres accomplished in FY 00 for a total of 56 Forest Stewardship Plans and 1457.764 acres. The emphasis for the development of the Stewardship Plans is based on the conservation and protection of the La Plata watershed and near the Carite State Forest. The landowners identified and served during this fiscal year are part of this watershed area. The major issues addressed on these plans were the conservation of the headwaters of Rio de La Plata in the Carite State Forest, Guayama Region and in the Rio Usabon – Rio La Plata watershed, wich includes the municipalities of Cidra, Barranquitas, Comerio and Aibonito. Both areas were selected based on the next criteria: 1. Due to it's large size and contribution of water for human use in Puerto Rico, including the system of Carite and the La Plata dams; the Rio de La Plata Watershed is considered the number one in conservation priority for the local strategy. 2. The area of Guayama includes the Carite State Forest, which protects forested ecosystems analogous to the ones included in the National Caribbean Forest El Yunque. The boundaries of this protected area are under human impact by agricultural and urban development activities. The Program was focused on the non-industrial, private forest landowners distributed in the interface area. 3. The confluence point of Comerio, Barranquitas, Aibonito and Cidra was selected considering the location of the joint point of Rio Usabon that is one of the mayor tributaries to the La Plata Watershed System. The trends in the development of Puerto Rico - Forest Stewardship Plans are based on the watershed approach, taking in to account the design of modular arrangement farms and their landowners community, which works with common objectives for the conservation of natural resources. The forest stewardship activities where planned in coordination with NRCS, FWS, and the Corporation for Rural Development of P.R. Department of Agriculture. The watershed approach will continue in other parts of the headwaters of Rio de la Plata and Rio Grande de Arcibo Watersheds.

Success Story #2

During the last week of June 2001, Nursery Experts from US Forest Service in Atlanta and Pennsylvania visited the public and private nurseries of Puerto Rico. The evaluation of the operation of the nurseries included: seed selection and management, seed planting, early seedling care, diagnosis and treatment of plant pests and diseases, soil mixtures used, containers management, distribution techniques, etc. As a result of the evaluation, a report was prepared and presented to the Secretary of the Department of Natural and Environmental Resources. The intention of the visit is provide the DNER and the private industry with the expertise and the experience of these professionals to improve the operation on the tree production nurseries in Puerto Rico. Also, the group recommended the creation of a Nursery Owners and Operator's Association to promote better management practices, quality standards and professional improvement. January 2002 the proposed

**date to begin the coordination of the first nursery owners conference inviting all the private and nursery owners of Puerto Rico to provide technical assistance and the creation of the Association.**

Success Story #3

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**For the fiscal year 2001, Ciudadanos del Karso, by the authority and responsibility given by a cooperative agreement with IITF, State and Private Forestry and a memorandum of understanding between the DNER, IITF US Forest Service and Ciudadanos del Karso the organization has the responsibility of identify owners, appraising and surveying tracts of land that will be acquire by the Department of Natural and Environmental Resources in the karst region for the Forest Legacy Program. At the moment they are on the process of appraising two (2) properties, for a total of 539 acres. The report will not be accepted until it has been approved by George Glime from the US Forest Service. Once all the transactions are done, the DNER will acquire the properties.**

Success Story #1

**During the Fiscal Year 2000 the technical publication Puerto Rico Karst-A vital Resource, (General Technical Report WO-65) was produced and published. The technical information presented in the publication emphasizes in the importance of the Puerto Rico Karst region. It gives information on the various subterranean and sub aerial landforms present in Puerto Rico in the karst region. Also, gives information on the ecological systems of the karst belt which are diverse, reflecting a range of climate conditions: dry to wet forests; physiographic settings-coastal estuarine to terrestrial montane; as well as varied physiognomic conditions- forests, wetlands, aquatic systems, and human-dominated systems. Sixty-four percent of the aquifer area of Puerto Rico extends through the northern limestone region. The aquifer discharges some 120 mgd of which 52 mgd are consumed. This publication is a strong tool to demonstrate and evidence the importance for the protection and conservation of the karst formations in Puerto Rico and supports the Karst Conservation Initiative initiated by the DNER and the US Forest Service with the support of other state and local agencies and partners groups.**

Success Story #2

**Students from the Worcester Polytechnic Institute, Interdisciplinary and Global Studies Division worked in the development of a technical report containing information on the design of a biological corridor to create interconnection green belts among several of the Puerto Rico State Forests. Two studies were prepared, on for the establishment of a green corridor to interconnect the Toro Negro, Guilarte and Bosque del Pueblo State Forests; the other, to interconnect the Guánica, Susúa and Maricao State Forests. The study identified public and private properties of ecological importance that have to be protected or purchased by the DNER. All the details of the properties were included in a data bank and in the study. These properties are included inside the two of the eight PR Forest Legacy Areas identified for the island. This information will be used as a reference by the Department of Natural and Environmental Resources to designate priorities for land acquisitions in the Forest Legacy Areas in Puerto Rico.**

Success Story #3

**The Puerto Rico National Park Service and the Commonwealth of Puerto Rico included, as part of their environmental agenda for this administration, the acquisition of properties in the karst region to establish a PR Karst Park. The funds allocated for the land acquisition come from the Land and Water Act. The purpose of the establishment of the park is to support the karst protection initiative**

**and to give the public educational opportunities and experiences related to the karst region and its characteristics, including conservation techniques. The Department of Natural and Environmental Resources, IITF and other university institutions are providing technical advise to the PR National Park Service for the identification and selection of properties candidates for acquisition.**

Success Story #4

**The Department of Natural and Environmental Resources acquire a property in the Corozal Area, near the La Plata-Coamo Legacy Area. The farm known as Monte Choca is located at the Palos Blancos sector. The PR Rural Development Corporation owned the property and planned to develop a farm/residential project in the site. The community members were against the development of the property because of its ecological values. The community intervention made the DNER acquisition possible. The community members signed a co-management agreement with the DNER and formed a community, Club Cívico Recreativo y Cultural de Palos Blancos, group to perform the agreement.**

Success Story #5

**Page 10**

Success Story #1

**Puerto Rico Legislature designated the New Millennium Urban Forest, part of the conservation initiative of this administration. The area designated as a conservation priority is a secondary urban forest located in the middle of the San Juan Metropolitan Area. The uses proposed for the property, other than conservation and protection, are education and research. The initiative to designate the area as a conservation priority is to protect the property from development pressure because housing and industrial developments were proposed for the area. Also, with this initiative is included the designation of a proposed green belt corridor for the San Juan area, the San Juan Ecological Corridor. The idea for this project is to protect and interconnect the green areas identified in San Juan to maintain the urban forest value that now those areas have. This project is being work with the support of Senator José Ortiz Daliot, President of the San Juan Development Commission of the Puerto Rico Senate.**

Success Story #2

**The Sixth Caribbean Urban Forestry Conference was celebrated during the last week of May. The theme for the conference was Trees and Hurricanes. The presentations given by the professionals invited were based on management practices before a hurricane event, restoration and mitigation after the event and community involvement. During the conference the ISA Certified Arborist Exam was offered to the persons qualified and interested in becoming certified.**

Success Story #3

**The University of Puerto Rico, Cayey Campus, signed a memorandum of understanding with the DNER to develop an educational program on the university institution focused on forestry education. Technical and specialized training sessions were offered to the university community and partner groups. The agreement included the establishment of a Technical Nursery dedicated to the investigation for the production of endemic and endangered species. Also, an educational park was developed, Parque de la Verde Sombra that was provided with educational trails and educational stations. The park is open for the community and the information provided is focused on the benefits of the trees, management practices, climatic regions of Puerto Rico, tree id, and other themes.**

Success Story #4

**Up John Laboratories established in the Cambalache State Forest and Environmental Education Program developing education trails along the forest dedicated for the students of the region. Also, educational brochures were produced and a cd-rom that is going to be available for the public schools of Puerto Rico.**

## 2001 Narrative Report

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

What s strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Program not in Puerto Rico.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**Program not in Puerto Rico.**

What contributions of the program meet states/local issues and needs?

**Program not in Puerto Rico.**

Products developed from the program. Special initiatives efforts/programs.

**Program not in Puerto Rico.**

Success Story #1

**Program not in Puerto Rico.**

Success Story #2

**Program not in Puerto Rico.**

Success Story #3

**Program not in Puerto Rico.**

Success Story #4

**Program not in Puerto Rico.**

Success Story #5

**Program not in Puerto Rico.**

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

**Program not in Puerto Rico.**

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

**Program not in Puerto Rico.**

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

**Program not in Puerto Rico.**

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

Program not in Puerto Rico.

## RI - 2001

### Page 6

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

**On August 15th RI closed on the "Cork Brook" tract, acquiring an easement over 44 acres of forestland threatened with imminent conversion. The acquisition protects a tributary stream of a major public drinking water supply reservoir, and allows the landowner to continue the stewardship of his forestland that he began nearly 20 years ago. Publicity about the acquisition has generated inquiries regarding the program for lands both in RI and other states.**

Success Story #2

**In February RI closed on the purchase of a 166 acre conservation easement, nearly doubling a project area in the Town of South Kingstown that has been the focus of state, local, and private efforts. The project increased the potential use of the area by the public for passive recreational pursuits and furthered the mutual interests and spirit of cooperation between the state and local land trust which contributed donated value for the acquisition.**

Success Story #3

Success Story #4

Success Story #5

### Page 10

Success Story #1

**Tree Societies The Rhode Island Division of Forest Environment in partnership with the non profit Rhode Island Tree Council has worked for many years to build a broad based constituency supportive of urban and community forestry. Tree societies composed of citizen volunteers are now active in many cities and towns throughout the state. They have been instrumental in passing tree ordinances, funding planting and care programs, preparing inventories, and developing management plans. They have given volunteer hours worth over \$200,000. The Bristol Tree Society has embarked on a unique program of reintroducing disease resistant elms along the main street of their town which holds the oldest continuing Fourth of July parade in the United States. The Warwick Tree Society successfully saved a 300 year old Nathaniel Greene historic sycamore from destruction during a road building project. In Narragansett the local tree society is carrying out a town wide inventory, and in Lincoln miles of trails have been cleared, trees identified and labeled. All through the state of Rhode Island citizen volunteers are actively carrying out the urban forestry program. (Districts 1 and 2)**

Success Story #2

**Tea and Calendars with the Legislature** For eight years the RI Tree Council has been distributing its signature piece, The Notable Trees of Rhode Island Calendar. Using a generous donation from Fleet Bank, a truly splendid piece of art work with beautiful pictures of trees and corresponding informative text has been produced. Rhode Islanders are called upon to nominate botanically, historically or culturally significant trees. Twelve trees are chosen and pictured in the calendar with the names of the nominators. In previous years calendars were distributed by mail to members of the Rhode Island State Legislature. In January of 2001 all 150 members were invited for tea and to pick up their free calendars in the State Room of the state capitol immediately following their legislative sessions. Members of the RI Tree Council discussed state funding for urban forestry with their captive audience. (Districts 1 and 2)

Success Story #3

**Tree Stories Video** Tree loving citizens tell their stories on a unique video produced by the RI Tree Council with a grant from the RI Council on the Arts. A poet describes what trees mean to her; a woman from a blighted urban neighborhood tells of bringing trees to her street and completely revitalizing the area by changing the attitudes of neighbors and city officials. Another person describes her work in a condominium arboretum, where the trees were planted in the 1840's. Some of the species were the first to be introduced into the United States. The Tree Council has distributed over 100 copies to tree societies, tree stewards, government officials and television stations. (Districts 1 and 2)

Success Story #4

**One, Two, Tree** Joining forces with two Barrington Middle School Teachers, The RI Tree Council and the Division Of Forest Environment, have been training teachers in tree identification and inventory techniques. The teachers were awarded a National Geographic Grant to teach students how to use GIS applications to analyze tree data and create planning maps. Students are doing inventories within their communities, translating the data to maps and presenting it to their city and town officials. The name of the project is One, Two, Tree. Organizers have produced a model, which is being exported to other school districts. It is a novel way to teach young people many new learning skills, chief among them urban forest planning. (Districts 1 and 2)

Success Story #5

**New Planning Legislation** The Urban Forestry Guide Plan, an element of the state's mandatory comprehensive guide for every community, was written by the Rhode Island Tree Council through a grant from the RI Division of Forestry and the USFS. It was adopted by the State Planning Commission in 1999 and has now become an important planning document. In the fall of 2000 a series of five workshops were held in different areas of the state. Starting with a breakfast at the State Capitol for municipal planners, the Tree Council informed citizens, tree stewards, and elected officials about the policies and strategies of comprehensive tree planning throughout the state. Numerous city and town planners have responded to the new planning legislation. Many have used it to re evaluate their zoning and subdivision regulations, draft tree ordinances, and form tree boards in the communities they serve. (Districts 1 and 2)

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Trees to France** Chateau de Versailles, the historical site where Benjamin Franklin signed the first treaty of alliance and trade between France and the United States, was devastated by a violent ice storm in December of 1999. The call went out to the Governors of each state to lend support for an "American Grove" planted at the historical site. Governor Almond accepted the challenge and agreed to send our state tree (Red Maple, *Acer rubrum*) to France. After the APHIS certificate was completed and a little difficulty with shippers and customs was worked out, the Rhode Island contributions arrived. The shipment was one of our millennium trees, so now part of the Rhode



**Island Grove is in the country that gave us the Statue of Liberty. (Districts 1 and 2) Success Story # 7 Conserving Forests and Wooded Areas in Developing Communities in Southern New England The Southern New England Forest Consortium has applied for a grant to create and publish a document on Conserving Wooded Areas in Developing Communities. This guidebook would provide communities, urban planners, developers, and builders with ideas for meeting development needs and conserving wooded areas. The States of Rhode Island, Connecticut, and Massachusetts would profit from such an endeavor, which would be a ready guide to a variety of groups to add in building with trees. (Districts 1 and 2) Success Story # 8 Neighborwoods Award In 1993, the Southern New England Forest Consortium began exploring ways to conserve forests in developing areas. Since then this organizations has committed themselves to the initiation of a regional program that will publicly recognize communities and developers who have advanced the concept of environmentally sensitive forest/open space conservation and development. This year they had expanded their criteria to be more explicit addressing the protection of trees during the development process. They are presently working with the Rhode Island Tree Council and The Rhode Island Division of Forest Environment to include additional criteria which would focus on protecting trees during construction. Their concept is an excellent approach to awarding communities who build with a special focus to their surrounding community. (Districts 1 and 2) Success Story # 9 Small Forests are a Big Deal In Rhode Island, the following groups (Southern New England Forest Consortuim, University of Rhode Island, Rhode Island Tree Council, Rhode Island Forest Conservator's Organization, Society of American Foresters, Tree Farm, and The State Division of Forest Environment) are working on a project called "Woodscaping". The program was developed to provide active management of small woodland parcels in suburban and rural areas where more and more people are choosing to live. The objectives of the project are to determine what kinds of information the owners of these small lands need and to develop a woodscape module for the University of Rhode Island Home\*Asyst program. It is hoped that the project will promote forest conservation, water protection and pollution prevention in the woodscape areas. (Districts 1 and 2)**

**Page 12**

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What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**SC - 2001**

**Page 6**

Success Story #1

**25 acres of new ground at Taylor Nursery in Edgefield County was brought into production this year. This increases bed space 30 percent allowing increased production and better crop rotations. Niederhof Seed Orchard in Jasper County harvested 11,000 bushels from their second generation orchard yielding 13,335 lbs of seed. This represents 23 percent of all second generation seed harvested in the South. This provides SC private landowners with best possible seed source while providing revenues for the state.**

Success Story #2

**2769 landowners and 713479 acres are currently enrolled in South Carolina's Forest Stewardship Program. 94 forest stewards have been recognized for their efforts of multiple resource conservation on 52552 acres.**

Success Story #3

**South Carolina used multiple resource stewardship planning funds associated with the National Fire Plan to enhance attention and increase landowner awareness as to forest health and wildfire risk mitigation. The South Carolina Forestry Commission estimates that 25 percent of the 144000 acres of forest stand improvement occurring on non-industrial private forest land is found in urban wildland interface areas of high fire risk.**

Success Story #4

**Presently, Forest Service and State Forestry activities related to the Chattooga large scale watershed project have occurred on the Georgia side of the river.**

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**Governor Hodges designated the South Carolina Department of Natural Resources as the state lead agency to work in partnership with the South Carolina Forestry Commission in 1999. The Assessment of Need was completed and approved on February 7, 2000 and identifies 14 conservation goals for the Forest Legacy Program in South Carolina. The Shooting Tree tract was the first Forest Legacy acquisition in the Southern Region. SC participated in the Regional Appraisal Seminar and appraisals are reviewed and meet federal appraisal standards. Participated in National Land Trust Rally (Portland OR) and National Forest Legacy Program Manager's meeting.**

Success Story #1

**Nearly 200 people witnessed the first Forest Legacy closing in the Southern Region during a ceremony dedicating the 571-acre Shooting Tree tract as the southern access point for the Jim Timmerman Natural Resources Area at Jocassee Gorges. "This tract of land is an extremely important acquisition," said John Frampton, Assistant Director for Development and National Affairs for the SC Department of Natural Resources, "and it was a situation where our conservation partners, both federal and private, are making a significant contribution. These lands will be included in the Wildlife Management Area program and managed as a forest demonstration area with the South Carolina Forestry Commission." Upstate South Carolina real estate developer Jim Anthony donated \$100,000 to the Jocassee Gorges Trust Fund to assist in the management of these lands. "The job that the conservation community has done at Jocassee Gorges really inspired me," said Anthony, president of Cliffs Communities. "We are delighted to be a part in maintaining these lands." Jim Anthony has long been known as a conservationist, and this generous donation further illustrates his commitment to conservation and protection of these unique mountain habitats. Rob**

**Keck, Executive Vice President of the National Wild Turkey Federation presented a check in the amount of \$325,000 and spoke of the contributions, both monetary and in-kind, made by members of local chapters. The tract was purchased from Crescent Resources, Inc., a Duke Energy Company. (Congressional District 3)**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**The SC Energy Office received U&CF Grant Assistance funds to publish a guidebook on how to design energy efficient landscapes. The project was contracted out to Clemson University, Clemson University Cooperative Extension Service and the SC Sustainable Universities Initiative. The publication is now available to the public via the SC Energy Office web site at ([www.state.sc.us/energy/Residential/landscape.htm](http://www.state.sc.us/energy/Residential/landscape.htm)) or through Clemson University. The booklet contains four chapters filled with various aspects of energy conservation within community areas through landscape design. This project was state-wide in nature and therefore touches all congressional districts.**

Success Story #2

**Florence County Parks & Recreation Department received a grant for the second consecutive year to assist with an educational tree planting event. This event took place at the Coward Athletic Park in the small town of Coward, SC. This project incorporated a tree planting ceremony in the desert-like park with an educational session regarding the values and benefits of trees to the area residents. Even though Coward is an economically depressed town, folks still like to recreate and the much needed trees will not only provide shade, but will create a sense of place for folks to gather. Congressional District #6.**

Success Story #3

**Clemson University received a grant to write and publish a Habitat for Humanity tool kit for community trees and home construction. The University partnered with the National Wildlife Federation and Habitat for Humanity to develop "Tree Conservation & Sustainable Landscapes for Habitat for Humanity Homes". This manual was created in order to help HFH volunteers construct homes that embody the concepts of sustainable construction and green landscaping. This manual will be incorporated in to the HFH implementation process. This project was state-wide in nature and therefore touches all congressional districts.**

Success Story #4

**South Carolina Tree City USA's were formally recognized at the U&CF Council Annual Conference. Each Tree City was given an American Forests Millennium Grove seedling to plant in each of their communities. One new Tree City was certified and added to the list of the other 28 SC Tree Cities throughout the state. The City of Manning, with an estimated population of 5,000 had been working towards the Tree City goal for the past two years. The City also was awarded a U&CF Grant to conduct a public tree inventory. Through the process of forming a tree board, writing and adopting an ordinance, celebrating Arbor Day, and conducting an inventory, they now have a better appreciation for and understanding of the value of their tree resources. Congressional District #6.**

Success Story #5

**The SC U&CF Council completed the first revision their 5 year strategic plan; co-sponsored 5**

**scholarships to the National Urban Forest Conference in Washington, DC; elected a minority representative on the Board of Directors (as recommended by the USFS Southern Region); held their 11th Annual Conference; increased their membership by 33%; and renewed the contract with their Executive Coordinator.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Through the technical assistance of the SC Forestry Commission U&CF staff and utilization of grant funds, 10 UF educational displays were exhibited, partnerships were developed with 97 entities, and over 400 hours of U&CF educational sessions were presented to over 9,000 participants. The SC Forestry Commission also partnered with the National Tree Trust's Trail of Trees program for the fifth consecutive year for a weeklong, across-the-state celebration and education program for trees during SC's Arbor Week. Over 3,867 children and adults participated in the learning experience. The event culminated with a celebration of Arbor Day and the State Poster Contest Awards at the State Museum. Through a cooperative partnership with SC Educational Television and the SC Forestry Commission, the National Arbor Day Foundation's Tree City USA public service announcement video was tailored to and re-dubbed for viewing within the state. Over 25 Tree City USA PSA tapes were sent to television stations around the state. Arbor Day 'Litter bags' were designed and printed for distribution at Arbor Day and other tree planting events in South Carolina. The bags are just the right size for wrapping a small tree seedling inside. These litter bags have an educational message on the front and tree planting directions on the back. Over 25,000 bags and seedlings were distributed during Arbor Day activities and events.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**SD - 2001**

**Page 6**

Success Story #1

**Consulting and industry foresters continue to prepare forest stewardship plans for landowners, even**

though SIP cost-share funds are not available.

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**OGLALA RE-GREENING PROJECT** Recent years have brought an uncommon amount of disastrous storms across South Dakota. In the summer of 1999, disaster in the form of a tornado struck the small Western South Dakota town of Oglala on the Pine Ridge Indian Reservation. This devastating tornado destroyed everything in its path, left one person dead, most of the town leveled and many of its residents homeless. Oglala residents are participating in the effort to recover their community. Residents are coming back and are hopeful that they can re-establish their community. Out of the ashes of this tragic event has risen an opportunity for people to come together replace what was lost, and to do it in a manner that puts current technology and management techniques to good use. One of the many aspects that build a sense of community, and one that provides a variety of benefits to Oglala residents, is their community forest. Community forests provide summer cooling and protection from bitter winter winds. They buffer noise and reduce air pollution. They provide wildlife habitat and enhance community aesthetics. Trees are important to the people of this area and add a great deal to their culture and traditional values. A community forest plan was drawn up with the input of the Natural Resource Program at nearby Oglala Lakota College in Kyle, South Dakota. Oglala's Community forest plan addresses the functional values of trees, but also honors traditional Lakota Sioux culture and tradition by incorporating their "circle of life" philosophy into the tree planting plan. On September 26, 2000, 70 residents, Lone Man Junior High School students and representatives of federal, state and local governments planted 102 trees. This planting initiated the Oglala Re-greening Project designed to establish a new community forest. On May 16, and June 14, 2001, the second and final stage of the project took place. 57 volunteers planted 141 additional containerized landscape trees. A community forest was established that utilizes state of the art knowledge and techniques that optimize the benefits that a well-designed community forest can provide. All parties worked together in a united effort. A renewed interest in tree planting was created among Oglala residents, and you could sense the pride in the school students upon completing each tree-planting phase. Project Partners: „h Oglala Residents „h Lone Man Junior High School „h Oglala Lakota University of Kyle „h Oglala District Community Action Program „h Our Lady of the Sioux Catholic Church „h Pine Ridge Sioux Tribe „h St. Ambrose Univ. of Davenport, Iowa „h Hot Springs Master Gardeners „h SD Project Learning Tree Program „h South Dakota State University „h South Dakota Community Forestry Advisory Council „h SD Department of Agriculture, Resource Conservation and Forestry Division „h National Urban and Community Forestry Advisory Council „h US Department of Agriculture, Forest Service

Success Story #2

**SPENCER RE-GREENING PROJECT** During the summer of 1998, catastrophe struck the small

eastern South Dakota town of Spencer. A tornado ripped through the community, destroying everything in its path, leaving six people dead and many injured, two thirds of the city leveled and the entire community paralyzed. Spencer residents remain energized in the effort to recover their community from the devastating effects of the tornado. Progress has been steady as residents continue to come back and rebuild. The united effort of people coming together to replace what was lost has resulted in great success. Tree planting, in a manner that puts current technology and management techniques to good use, is one of the many aspects that is re-building a sense of community. Residents of Spencer sorely miss the variety of benefits that trees provide. Community forests provide a connection between people and the natural environment. Spring 2001 marks the third and final year of the tree-planting phase of the Spencer Re-greening Project. This project has provided urban foresters the opportunity to help Spencer residents create a region wide, model community forest by utilizing state of the art knowledge and techniques that will optimize the benefits that a well designed community forest can provide. On Arbor Day April 30, 1999, 195 volunteers initiated the project by planting 405 trees. The year 2000 saw another 275 trees planted by 128 volunteers. In spring 2001, 92 volunteers and an ever-increasing involvement from Spencer residents planted 310 additional trees. Much of the funding has been provided by donations from the public through the Spencer Relief Fund. The SD Department of Agriculture, Resource Conservation and Forestry's Urban and Community Forestry Program and the US Department of Agriculture's Farm Service Agency and Forest Service have also provided annual funding for various aspects of the project. Thanks to the great teamwork and spirit of cooperation, the completion of the project in 2001 has become a reality. Project Partners: ,,h Spencer residents ,,h Spencer Relief Task Force ,,h Spencer Fire Dept. ,,h SD Nursery and Landscape Association ,,h Wellmark Blue Cross Blue Shield ,,h Mcleod Printing and Office Supply of Mitchell ,,h SD Lions Clubs ,,h SD Izaak Walton League Chapters ,,h Addy Disposal of Canistota ,,h Keep South Dakota Green Association ,,h SD Project Learning Tree ,,h McCook Elementary School of Salem ,,h Hanson Elementary School of Alexandria ,,h Washington High School of Sioux Falls ,,h Lincoln High School of Sioux Falls ,,h ROTC Program of Sioux Falls ,,h Landscape Concepts of Sioux Falls ,,h McCook and Hanson County Conservation Districts ,,h SD Association of Conservation Districts ,,h SE Area Soil and Water Conservation Society ,,h Big Sioux Nursery ,,h SD National Guard ,,h Southeast Council of Governments ,,h SD Community Forestry Advisory Council ,,h SD Department of Agriculture, Resource Conservation and Forestry Division ,,h SD Department of Corrections ,,h SD State University ,,h Southeast Vocational Technical Institute ,,h USDA Natural Resource Conservation Service, Farm Service Agency and Forest Service

Success Story #3

**STATEWIDE MINI-ARBORETUM SYSTEM PROJECT** This project has been underway for several years, and mini-arboretums are being established in Aberdeen, Chamberlain, Spearfish, Pierre, Pine Ridge and Yankton. When finished, These arboretums will give South Dakotans a look at which trees grow in various parts of South Dakota, what size they can attain, and what they look like. We intend to assist people in making tree selection and site location decisions, based on what they see at the arboretums. The educational value derived from this project will increase basic forestry knowledge and awareness. The arboretums will also provide valuable outdoor classroom sources. In FY 2001, the Chamberlain arboretum was initiated using subgrant funding and a generous private donation of \$5000.00. Work was also done on the Aberdeen, Pierre and Yankton arboretums using sub-grant and community funding.

Success Story #4

**COMMUNITY FOREST INVENTORY PROJECT** This project promotes community forest resource assessment as a basis for U&CF short and long term planning and funding. Involvement from local volunteers within each community is used in this process. Davey Resource Group has been contracted to provide an inventory system that can be used uniformly throughout the state. Communities of different population sizes and community forestry program developmental levels have been selected to demonstrate the system. Projected outcome will be more effective community forestry programs, and further movement toward higher community forestry program



developmental levels in South Dakota. FY 2001 saw the completion of inventories in Wall and Wasta, South Dakota, and 70% of Chamberlain. Chamberlain is scheduled for completion in the fall of 2001.

Success Story #5

**ABERDEEN LINCOLN NEIGHBORHOOD PROJECT** The community of Aberdeen, South Dakota has lost a great number of trees due to Dutch elm disease and nectria canker since 1973. More than 950 American and Siberian elm were lost in 1999 and 2000 alone. The lower income area around Lincoln Elementary School was hit especially hard. Area school students expressed a concern that their neighborhood and school areas looked desolate, depressing and unfriendly. The removed trees were not replaced because of limited local budgets and the socioeconomic level of area homeowners and renters. On May 16, 2001, local volunteers, and local and state government employees planted 65 trees along streets in Lincoln Neighborhood. The obvious outcome of this tree-planting project will be to green up and improve the livability of the area for residents and school students. Project Partners: „h Aberdeen Volunteer Clearinghouse „h Salvation Army Adventure Corps „h Sunbeams „h Central High School Link Program „h Aberdeen Parks, Recreation and Forestry Department „h South Dakota Community Forestry Advisory Council „h South Dakota Department of Agriculture, Resource Conservation and Forestry Division „h USDA, Forest Service

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**GREAT FACES, GREEN SPACES INFORMATION AND FACT SHEET PROJECT** An Internet e-mail information and fact sheet was developed in FY 2000 that offers timely tips and information about tree planting and maintenance to South Dakota communities, forestry related professionals and other interested parties. Projected outcome will be a better-educated and informed public on community forestry issues and events. Six issues were sent via e-mail and regular mail in FY 2001. **COMMUNITY FORESTRY PROGRAM DEVELOPMENT BROCHURE** Plans were made to develop a ;§Community Forestry Program Development ;§ brochure for communities interested in starting a community forestry program. The Spencer Project will be used as an example of how a program can be organized and developed for long-term results. The projected outcome will be to offer a region-wide publication to assist communities in establishing sustainable community forestry programs

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What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Our primary efforts have focused on utilization and marketing of cedar and hardwoods in south central South Dakota along the Missouri River. Assistance has been directed toward forest landowners, businesses and demonstration projects that process the wood into a marketable form.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**An agreement has been reached with Randall RC&D to develop a forest product marketing project. The project will bring existing businesses and producers together and encourage new business including processors and manufacturers. The project will focus on utilization of eastern red cedar and hardwoods in south central South Dakota. The Division has committed up to \$5,000 to the project which will require an equal local match.**

What contributions of the program meet states/local issues and needs?

**Eastern red cedar encroachment onto rangelands has cost ranchers indirectly through lost grazing productivity and directly through the cost of controlling the cedar. Some landowners are taking the initiative to utilize the cedar and try to profit from it. Our efforts, through the FPC&R program, have encouraged the development of new businesses and products, planning for utilization and management of the tree resource, and properly manage the forest.**

Products developed from the program. Special initiatives efforts/programs .

**There are two new businesses that have started up to utilize cedar. One produces cedar chips for animal bedding and erosion control along right-of-ways that have been disturbed during road construction. The other produces small table-top cedar pieces, such as small wooden boxes, for retail sale.**

Success Story #1

**Interest in creating marketable products from eastern red cedar has resulted in new business endeavors and demonstration projects. West River Cedar has completed a demonstration project using cedar chips and mulch as an erosion control medium along right-of-way ditches following road construction.**

Success Story #2

**Completed the Timber Product Output survey of sawmills through out South Dakota. The survey was done in cooperation with the USDA Forest Service North Central Forest Experiment Station. Information is used for planning and decision-making in wood procurement, forest resource management, forest industry development, and forest research.**

Success Story #3

Success Story #4

Success Story #5

#### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

#### TN - 2001

#### Page 6

Success Story #1

**The Division of Forestry's East Tennessee Nursery continues to be a showcase facility and operation. Seedling production has increased to over 28 million in the last five years. The Division also recently joined the North Carolina State Tree Improvement Cooperative. Involvement in this cooperative has already reaped benefits. Third cycle breeding and seed orchards have been planted.**

Success Story #2

**The Tennessee Reforestation Incentives Program (TRIP) is in the fifth year of implementation. Last year, \$97,000 of cost share assistance resulted in 2000 acres of pine tree planting on highly erodible agricultural lands. TRIP is state-funded through a real estate transfer tax. Compared to pine belt states, these are modest numbers. Relative to Tennessee's forest resource, we consider this program quite a success.**

Success Story #3

**With the support of US representative Zach Wamp, Tennessee received \$4 million to help non-**

**industrial private forest landowners impacted by the southern pine beetle. The resulting Southern Pine Beetle Initiative (SPBI) was initiated in August. The majority of funds (\$3 million) will be used as 50/50 cost share to help landowners implement stand treatments that will minimize the potential damage from future Southern Pine Bark Beetle infestations. The remaining \$1 million will be used for landowner education, minority outreach, private forestry consultant contracting, and state forest demonstrations.**

Success Story #4

**Jim Barna Log Systems and the Scott County Government have partnered to leverage Southern Pine Beetle Initiative (SPBI) funding for eligible participants in Scott County. The resulting partnership will provide an additional 25 percent cost share to landowners that successfully complete a SPBI stand treatment plan. Several landowners in Scott County have expressed an interest in planting shortleaf pine. This program will provide them with the financial means to do so. If successfully implemented on the ground, this interest in shortleaf pine might result in other shortleaf plantings in the area.**

Success Story #5

**Tennessee's Forest Stewardship Program continues to provide forest landowners with comprehensive management planning assistance. Since the inception of the program in 1990, 2170 forest stewardship plans representing 389,059 acres have been written for Tennessee forest landowners. Of these totals, 66 landowners representing 16,413 acres have received the recognition of stewardship forest landowner. Such commendation is for demonstrating commitment to a land stewardship ethic that focuses on timber, fish and wildlife, water, soil, outdoor recreation, aesthetics, and other forest resources as valuable legacies for future generations of Tennesseans.**

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**One tract approved by Building Commission; 3 submitted for approval and 4 landowners dropped out of program. 5 tracts to be submitted.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**The urban forestry program accomplished an additional 58 technical assistant of teaching and training opportunities to organizations and entities that are not communities, but are appropriate entities to receive urban forestry assistance. Examples include presentations to master gardener groups utilities, (Tree Line USA), Municipal League, SAF and the UT landscape short course, and technical assists to utilities, county parks, legislative aides, schools, and neighborhood organizations. All Congressional Districts**

Success Story #2

**The Forestry Academy is a 3 week course on basic concepts of forestry. It is taught by the University of Tennessee to the Forestry Technicians within the TN Department of Agriculture, Forestry Division. The urban forestry staff was successful in getting urban forestry included in the curriculum. All congressional districts**

Success Story #3

**Four new Tree City USA's were recognized. In addition, one city that had dropped out was re-certified. The increase of 5 represents a 25% increase (25 total) in the number of tree cities recognized. New Tree City USA's were in Congressional Districts #1,#2,#4,#6. There is also significant interest in the Tree Line USA program.**

Success Story #4

**Wildland/Urban Interface presentations were given to 2 organizations: Kentucky/Tennessee Chapter of the Society of American Foresters and the Univ of TN Landscape short course. Both presentations were well received. Audience represented all congressional districts, plus a few from Kentucky.**

Success Story #5

**The Arboretum program, a partnership between the TN Division of Forestry, the TN Urban Forestry Council and the TN Federation of Garden Clubs, certified 6 new arboretums in 2001. They are UT Arboretum, Cheekwood, Dickson County, American Science and Energy Museum, Ocoee Nature Center, and Hendersonville Corps of Engineers. Congressional Districts #3,#5,#7,#3,#3,#5.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**1. Special program was prepared and given to the TN Municipal Power Assn. on tree/power line conflicts, right tree/right place, and proper pruning techniques. 2. display for the TN Municipal League was developed and used. 3. Urban Forestry Staff assisted with several Project Learning Tree training programs. 4. Erected an urban forestry display at the TN Green Industry field day.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

**The program helped salvage southern pine beetle killed timber, encouraged good road building practices, forest products price and marketing information, and provided technical assistance to wood using industries, loggers, foresters, landowners, and other agencies and general public.**

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

**Timber product output reports, directory of wood using industries, forest products bulletins.**

Success Story #1

**Salvage approximately 400 acres of southern pine beetle killed timber and also helped establish road network to assess the timber described.**

Success Story #2

**Began twenty-fifth year of publishing Tennessee Forest Products Bulletin which provides marketing information to industries, loggers, landowners and the public.**

Success Story #3

Success Story #4

Success Story #5

**Page 14**

## 2001 Narrative Report

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

### TX - 2001

#### Page 6

##### Success Story #1

**NEW WEST TEXAS NURSERY--**The Texas legislature has provided funding for a new environmental tree nursery in Northwest Texas. The new nursery will be 30 acres in size compared to the 7 acres present at the existing one, and will be on a soil more conducive for the production of bare-root seedlings. The nursery will produce about 10 conifer species grown in containers and about 25 species of broadleaf trees and shrubs used for windbreak plantings and wildlife plantings in the Panhandle as well as other areas outside East Texas.

##### Success Story #2

**COUNTY FOREST LANDOWNER ASSOCIATIONS--**Efforts have been made to increase participation in county forest landowner associations. As an example, a landowner workshop was held in Houston County with more than 250 attending. Topics included BMPs, reforestation, wildlife, how to choose a logger, and the importance of professional assistance. As a result of this meeting, one of the largest CLOA meetings ever held, the Association doubled its paying membership. Another example is the Metroplex Timber & Forestry Association (Dallas-Fort Worth). This association held two field trips to East Texas, staying overnight each time. The group saw examples of the latest silvicultural techniques as well as toured a mill.

##### Success Story #3

**FOREST STEWARDSHIP --**2441 landowners and 579791 acres are enrolled in Texas' Forest Stewardship Program. Up until 1997, there were no Certified Forest Stewards in Texas. In 1997, this program was initiated and has begun to really catch on in Texas. At present, there are 68 Certified Forest Stewards and 45539 acres of stewardship forests in the State. These landowners all have Forest Stewardship Plans and have demonstrated good stewardship principles in the management of their land. The additional federal funding provided by the National Fire Plan help facilitate multiple resource outreach to 25 landowners, participating in forest stewardship, and engaging in conservation practices on 7911 acres to promote forest health and reduce wildfire risk in urban wildland interface areas of the State. Texas is one of only a couple of States in the Southern Region engaging in landscape approaches to resource conservation and tracking accomplishments by individual watersheds. 45 landowners and 5954 acres enrolled during the year in Forest Stewardship occurred in impaired watersheds as identified by the State.

##### Success Story #4

**FOREST STEWARDSHIP PLANS BY ONE FORESTER--**One Texas Forest Service forester, Rich Dotellis, has demonstrated what is possible with developing stewardship plans for landowners. Rich has prepared 64 Forest Stewardship Plans covering 7400 acres, which represents more than 22 percent of the all the plans written in Texas. We feel Rich's exemplary accomplishments will serve to encourage other TFS foresters to produce more plans.

##### Success Story #5

**FORESTRY SERVICES VENDOR DATABASE-**The Texas Forest Service continues to develop its web site to assist landowners in managing their forestland. The Forest Resource Development Department has developed an interactive on-line database that landowners and foresters can use to locate potential vendors for forest management work. The database includes vendors for tree planting, mechanical site preparation, chemical application, and prescribed burning. Under each vendor type, the database can be queried to list vendors by county in which they perform work and various methods. For example, the database can be queried to list only those chemical application vendors who do over-the-top banding for herbaceous weed control in Angelina County.

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**CITY FORESTER GRANTS** Over the past five years, the Texas Forest Service has restructured the delivery of the U&CF grant program to give priority funding to communities wanting to hire a new urban forester to oversee their local tree management program. This has resulted in twenty-one new urban foresters hired to lead or develop a local UF program, plus twelve others that work for local non-profit organizations. Ultimately, this network of professionals has a synergistic effect to stimulate improved tree care and volunteer involvement. The Dallas/Fort Worth area is a good example. The "Metroplex" cities of Euless, Plano, Southlake, Arlington, Flower Mound, Coppell, Carrollton, and Allen have all recently hired Urban Foresters through the grant program. Grant funding pays a portion of their salary for up to three years, when the positions must be funded entirely through local means. These foresters and other local organizations have helped energize two regional urban forestry councils, the Trinity-Blacklands council in the Dallas area, and the Gateway Urban Forestry Council in Fort Worth.

Success Story #2

**SPANISH LANGUAGE ACTIVITIES** Hispanics are the largest minority group in Texas, and in many communities represents the majority. For many of these people, English is a second language or is poorly understood. To raise awareness about the importance of trees in these communities, or to train the local workforce on proper tree care techniques, the ability to communicate in Spanish is essential. Mark Duff is a bilingual Texas Forest Service forester in Central Texas who was recently selected to serve as co-chair of the Hispanic Issues Committee of the International Society of Arboriculture. This role was bestowed upon him for his efforts to include Spanish-track training courses in several ISA-Texas workshops, conferences, and tours. He has conducted several programs on oak wilt in Spanish, including a recent safety training session for the 200 or more City of San Antonio's Public Service/ROW maintenance contractors. He has reviewed Spanish versions of training and educational videos currently in production. He has traveled to the major regional ISAT workshops around the state to deliver Spanish-track lectures on tree care, including Dallas, El Paso, and Waco. He gave a full-day indoor/outdoor workshop in Spanish at the annual ISA Jamboree on oak wilt, dendrology, tree planting/selection, pruning, and other maintenance.

Success Story #3



**AUSTIN'S HEAT-ISLAND WORKING GROUP** City Council Members Alvarez and Goodman sponsored a seminar on heat island reduction in January 2001 to get input from various community leaders and experts (including TFS), including participants in the public, private and non-profit sectors. A volunteer committee, called the Heat Island Working Group, met on four different occasions and drafted 14 recommendations that were all made by consensus. These recommendations were forwarded to the City Council with a request for complete review of them in order to enact a comprehensive program for Heat Island mitigation. In September 2001, the City Council awarded \$1 million towards implementing heat island reduction activities with over \$600,000 directly earmarked for Urban Forestry initiatives, such as: „h Improved enforcement of city tree-saving ordinance „h Ordinance Mandating 50% Canopy Coverage within 15 Years for all New Parking Lots. „h Landscape Ordinance Requiring 30% Shade Cover within 5 Years for all hardscape. „h Improve/Enforce the 1% Requirement for Trees in CIP Roadway Ordinance. „h Bus Stops Tree Shade Policy. „h Expand City Tree Planting Programs. „h Tree Mapping and Inventory Project. „h Protection of Urban Forest as Part of City Infrastructure

Success Story #4

**BUFFALO GAP, TX** This small community near Abilene was interested in protecting their city's collection of large live oaks from the ravages of oak wilt and future development. Since contacting the local TFS urban forester in 2000, they have formed a tree board, passed a tree protection ordinance, celebrated their first "Arbor Day," and will achieve "Tree City USA" status for 2001. But while most cities would be content with what they had accomplished in such a short time, Buffalo Gap continues to improve their urban forest. They diligently enforce their tree protection ordinance and are learning to use their newly donated bucket lift truck so they can begin doing a lot of the minor pruning work themselves. Perhaps the most impressive part of this whole story is that all this work has been, and continues to be, performed by volunteers.

Success Story #5

**WOOD GLEN SUBDIVISION, HOUSTON, TX** Tropical Storm Allison left thousands of Houstonians without safe or decent shelter in May 2001. In response, the Houston division of Habitat for Humanity, the nation's largest nonprofit homebuilder, is constructing more than 200 houses in the new northeast Houston development of Wood Glen. Jboodka Pitts of the Texas Forest Service is helping to turn these houses in homes. "Wood Glen is former pastureland -- treeless and stark," Jboodka says. "We're providing homeowners with trees; but even more important, we're teaching them how the strategic use of trees can improve their health and save them money." As an urban forester, Jboodka is a member of a relatively young but growing profession dedicated to helping cities use trees to improve air quality, reduce erosion and prolong the useful life of paved surfaces. A study sponsored by the U.S. Department of Agriculture, for example, estimates that the tree canopy in Houston removed 83 million pounds of pollutants last year, saving the city \$208 million. "It's a myth that underserved populations are not concerned about the environment," Jboodka says. "Our job is to help people understand the role that trees play in human health and well-being. Once we do that, lives start improving, and we're one step closer to making this a better world." The TFS urban forestry program was begun in 1972 and today has urban foresters in Abilene, Amarillo, Austin, Corpus Christi, Dallas, Houston, El Paso and San Antonio. Mickey Merritt also serves the Houston region. "We're 'people people,'" Jboodka says. "Even after the Wood Glen grant ends next year, for example, we'll still be part of that community, educating folks about trees."

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**EDUCATIONAL PRODUCTS** Texas Tree Conference: The Texas Tree Conference attracted over 300 professionals and interested tree groups to Waco, TX, to hear the latest in arboriculture and urban forestry. The conference is a collaboration between the Texas Urban Forestry Council and the Texas Chapter of ISA. In 2001 a new professional track conducted completely in Spanish was added.

**PowerPoint Presentations were developed in the Austin office of the Texas Forest Service and distributed to local cooperators. These presentations have been posted on numerous TFS and cooperative website locations. The presentations include: „h Tree Biology „h Pruning Basics „h Common Insect and Diseases of Texas Trees „h Invasive Exotics: ;§The Good, Bad and the Ugly;” West Texas Tree Planting Guide and Poster. Developed on MS Publisher, to be used as a guide for the future development of a Statewide CD ROM.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**UT - 2001**

**Page 6**

Success Story #1

**See narrative submitted to S&PF, R-4**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**During FY01, Utah was able to protect 10,205 acres of prime forested land with conservation easements. For FY02, landowners throughout the state have identified 40,000 acres of private forest land that they would like to protect with conservation easements.**

Success Story #1

**Bar J - Utah Congressional District 3 Negotiations in 2001 resulted in closing on Phase 1 and 2 of this**

**three-phased project in the Upper Gooseberry Valley. The 5,885 acre Bar J is a working ranch which contains varied ecosystems supporting cattle and sheep grazing, wildlife including moose, elk, an abundance of small game, plant life and birds. Partnering with The Nature Conservancy who provided \$500,000, the Legacy funding was enhanced by a landowner donation of \$915,000 toward the easement value of \$3,315,000.**

Success Story #2

**Coalville/Boyden Farms - Utah Congressional District 3 This easement protects from development a 3,263 acre property in East Canyon, on the eastern border of the Wasatch Mountains. The ranch, owned by the same family for more than a century, exemplifies the pastoral beauty of northern Utah. Of particular note is an ecological community of young, vigorous aspen; the overall decline of aspen in the West makes this an important criteria. Its location, adjacent to the previous 7,300 acre easement on the Peaceful Valley Ranch, enhances the protection of important elk and mule deer habitat and migration corridor through the East Canyon area. Our partnership with The Trust for Public Land assisted us in negotiating a substantial landowner donation of \$435,000 toward this phase of the easement valued at \$1,765,000.**

Success Story #3

**Summit Park - Utah Congressional District 3 The Summit Park property is located in Summit County, one of the fastest growing counties in the state with a triple increase in population in a 20-year period. The property lies adjacent to the Wasatch-Cache National Forest at what is commonly known as Parley's Summit. The property borders the development of Summit Park and the threat of development on this forested land is very high. Reported to contain one of the largest stands of old-growth conifer in the state, the property is also important for its watershed protection benefits. The landowner has agreed to allow full public access on the property, thus opening the potential for a trailhead to the popular Great Western Trail. Currently, the land is enjoyed by hikers, bikers, and back-country skiers. Our partnership with The Trust for Public Land assisted in negotiations; funding sources from the state's Quality Growth Commission contributed \$400,000; landowner donation of \$400,000 assisted in completing the easement which was valued at \$1,600,000. Current management involves planning with the Snyderville Basin Special Recreation District for design and management of a trail system.**

Success Story #4

**Castle Rock - Utah Congressional District 3 The first phase of this 10,000 acre three-phase project closed in 2001 bringing 2,785 acres under easement at no cost to the Legacy Program. Funding was provided from the state's Quality Growth Commission contributing \$900,000 which was matched by a landowner donation of \$900,000. The conservation easement on the entire acreage has been valued at \$9,260,000 and upon completion will include a landowner donation of 50% — \$4,600,000. The ranch supports an extensive cattle operation, prime habitat for deer and elk (both winter and summer range). A professional wildlife biologist supervises wildlife inventory, hunting, and wildlife management. Rotational grazing, restoration of native grasses, trees and shrubs, in addition to range restoration included prescribed burning have and will continue to be an integral part of ranch management.**

Success Story #5

**Page 10**

Success Story #1

**Refer to narrative submitted to S&PF, R-4**

Success Story #2

Success Story #3

Success Story #4

## 2001 Narrative Report

### Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

#### Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**This is reported in the EAP Data base.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

### Success Story #1

### Success Story #2

### Success Story #3

### Success Story #4

### Success Story #5

#### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

**This is reported in the EAP Data base. Utah did have one WIT project for two bridges this year.**

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## VA - 2001

#### Page 6

### Success Story #1

**Several years ago a 190 acre timber harvest on private property on the eastern slope of the Blue Ridge raised public concern about destruction of the forest. The project was proceeding under a forest management plan prepared for the landowner by VDOF. In response, a series of local meetings were held to hear the public's reaction, and allow VDOF to present the management plan. The plan recommended a harvest including BMPs to protect water quality and prevent soil erosion, followed by reforestation. Virginia Forest Watch and The Dogwood Alliance were also represented. The meetings provided an excellent forum for VDOF defense of the overall silvicultural prescription. The outcome became an educational experience for attendees in the goals and objectives of scientific pine and hardwood forest management. Subsequent to successful completion of the project, local public school officials have obtained permission to use the tract as a laboratory for the positive examples it provides in environmental stewardship. The project is in the 10th congressional district.**

### Success Story #2

**Southside Virginia contains large expanses of rural land where intensive management of loblolly pine is widely practiced on private ownerships. During the reporting period, nine southern tier counties**

extending from Pittsylvania in the Piedmont east to Southampton in the Coastal Plain accounted for 24,477 acres planted, 33% of Virginia's NIPF pine planting. Other management accomplishments in these counties included 12,736 acres of herbicide application for hardwood control in young pine, 34% of Virginia's NIPF herbicide application; and 10,776 acres commercially thinned pine plantations, 27% of Virginia's NIPF thinning. A total of 23 full-time DOF personnel carry out the forest management assistance to private landowners, and law enforcement tasks in these counties. These accomplishments are in the 4th and 5th congressional districts.

Success Story #3

The reporting period was the first year of hardwood tree planting carried out under the Conservation Reserve Enhancement Program. DOF advance planning included an appropriate increase in the number and species of hardwoods grown in our nursery beds; providing intermediary services for landowners and planting contractors; and training in hardwood planting specifications to obtain the best possible seedling survival and early growth. These preparations resulted in a very successful first year of planting quality and early survival. A total of 2,360 acres of CREP plantings were accomplished in the reporting period. Nearly all of this acreage is in the piedmont and mountain regions, including the 5th, 6th, 7th, 9th, and 10th congressional districts.

Success Story #4

Cumulatively there have been 5,918 Stewardship Plans prepared on 896,848 acres. Virginia currently has 328 Certified Stewards on record for a total of 63,522 acres. These figures are also cumulative since 1991. Utilizing the National Fire Plan Title IV Multi-Resource Stewardship Planning funds, DOF foresters completed 32 Stewardship Plans on 5,687 acres. Of these, six Plans for 111 acres had reforestation/afforestation projects; six Plans for 124 acres implemented forest improvement practices; one Plan for 175 acres had soil and water protection initiated; four Plans for 143 acres had projects completed, near completion or initiated for riparian and wetland protection; and one Plan for 1 acre had "other" conservation practices implemented.

Success Story #5

The Large Scale Potomac Watershed project work continues in Virginia. A CREP (Conservation Reserve Enhancement Program) workshop was held in early November with approximately 80 landowners & conservation professionals attending. The workshop consisted of a morning classroom session with field trips in the afternoon to view various CREP projects. Forest management activities associated with the Potomac Watershed Partnership include: 16 Stewardship Plans prepared on 1,440 acres 143 Forest Management Plans on 5,297 acres 349,000 linear feet of log road stabilization completed by industry as required by Silvicultural Water Quality Law 5,347 acres of timber stand improvement 687 acres of pine planted 25,480 linear feet of riparian buffer establishment under CREP

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

VDOF assisted in development of V.A.U.L.T. to organize land conservation interests statewide. Participated in National Land Trust Rally (Portland OR) and National Forest Legacy Program Managers meeting.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**The 2nd Virginia Governor's Conference on Greenways and Blueways was held in Virginia Beach in October 2000. It drew 350 persons and good media exposure. It generated several "on-the-ground" projects. In September 2001 the Mid-Atlantic Governors' Conference on Greenways, Blueways and Green Infrastructure, held in Arlington, attracted 550 attendees, despicied the fact it was a week after the terrorist attacks. Representatives of state agencies in VA, MD, DE, PA, NJ, and the D.C., assisted in the planning and implementation of this conference. The Roanoke Valley Greenways Commission was awarded the Kodak Greenway Award by the Conservation Fund during the conference. Congressional district: statewide; conference held in the 10th district (Moran).**

Success Story #2

**The urban and community forestry (U&CF)program has developed a strong affiliation with VA Tech Community Design Assistance Center (CDAC). This relationship has allowed the Department of Forestry (DOF)to direct several communities to CDAC for planning and assistance that they otherwise would not be able to afford. Four communities were served and work is being done in another four in the 2001-2002 grant cycle. Of special note is the community of Appalachia. This "underserved" community in the southwest VA coal country, is implementing the plan developed by CDAC in 2000. Congressional districts: several districts, notably the 6th and the 9th.**

Success Story #3

**The DOF assisted in the planning and implementation of the National Urban Forest Conference and the annual state coordinators meeting held in Washington DC in early September. During the coordinators meeting key issues of state urban forestry programs were identified and teams were formed to deal with them and communicate with the National Association of State Foresters.**

Success Story #4

**The DOF encouraged and supported the application of Dr. Bonnie Appleton, from VA Tech, for a NUCFAC grant. The product was an educational effort called "Making Tree Roots Visible". The materials produced from this project were distributed to the 50 states during the year and the project was displayed at the National Urban Forest Conference in September 2001.**

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special in itiative efforts/programs

**The DOF has organized a partnership with utility companies, educational institutions, and a non-profit organization to deal with tree/utility issues. The effort has already generated three demonstrations projects involving tree replacement in various municipalities. The organizations involved are Allegheny Power, American Electric Power, Dominion Virginia Power, Virginia Tech, Blue Ridge Community College, and Scenic Virginia.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Better utilization of forest products. Finding more high value products from "scrap wood". Working to minimize wood waste to landfills.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**Very little (no funding).**



## 2001 Narrative Report

What contributions of the program meet states/local issues and needs?

N/A

Products developed from the program. Special initiatives efforts/programs.

N/A

Success Story #1

**Hands -on demonstration of wood reclamation equipment at various forest products companies. Reached ~50 people and 15 businesses with new technology. At least two companies have incorporated the equipment in their operation.**

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

**No funding for this program from Forest Service.**

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

### VI - 2001

#### Page 6

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

#### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

#### Page 10

Success Story #1

The Upstreet historic neighborhood in Charlotte Amalie, St. Thomas was adopted by the "We from Upstreet" group. With technical assistance from the Urban and Community Forestry Program the "We from Upstreet" group has revitalized Roosevelt Park, an uncommon urban area in the downtown area. They have also undertaken the planting and maintenance of several street trees outside the park. The St. Thomas/St. John Historic Preservation Commission has now taken an interest in the neighborhood. They plan to inventory existing trees and create a landscaping plan for replanting and maintenance. This is a highly visible area in Charlotte Amalie. There are few parks and open-space areas for the community to gather are becoming rare. The fact that a community-based group and a local government agency are partnering to uphold the historic urban and natural value of this neighborhood reflects successful cooperation and favorable results.

Success Story #2

The St. Croix Foundation's Sunday Market Square revitalization project in Christiansted, St. Croix. Sunday Market Square (Times Square) was first created by the Danish Government on St. Croix in 1735. It was once a center for commerce and community activity in Christiansted. With time it has degraded into a crime-ridden dilapidated area where few members of the community will venture after dark. The St. Croix Foundation has taken the lead on a major revitalization effort for the area. They have enlisted the help of the Urban and Community Forestry Program, along with numerous other local and federal agencies, organizations, private businesses and individuals. They have built a large-scale, comprehensive network of support. One of the most important aspects of this project is the re-planting of mahogany trees into the square. Almost all of the original 14 trees have disappeared over the years. With assistance from the U&CF Program and a donation from the U.S. Forest Service, the Foundation will undertake a major urban replanting project, which incorporates the newest technology in structural soils and semi-permeable pavement. This is an example of a project that marries science with grass-roots community development. It will have an extremely visible and profound effect on the community and should receive wide-spread media attention. This project really will make a beneficial difference in this community.

Success Story #3

The Urban Forestry Council in the U.S. Virgin Islands had fallen into an inactive state over the past 3 years. During the past year the Council was revitalized. Regular meetings were held, sub-committees were formed, a strategic plan was written and approved and the bylaws were revised and approved. The Council recommended 11 projects for funding in the U.S. Virgin Islands for approximately \$65,000.00. This is a major jump in productivity from the two previous years in the life of the Council and shows the dedication of the members and the promise for the continued success of the U&CF Program in the U.S.V.I.

Success Story #4

Success Story #5

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

Page 12

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

## 2001 Narrative Report

Success Story #4

Success Story #5

### Page 14

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis : Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

## VT - 2001

### Page 6

Success Story #1

**In Rutland and Bennington counties they are publishing on a regular basis. (4 issue/year) a Stewardship Newsletter called "Vermont Forests For You" A stewardship approach to forest management. Provides technical information to stewardship landowners. CD 1**

Success Story #2

**The Windsor County forester is involved in several collaborative projects that have significant Stewardship impacts. Jon is working with the White River Partnership to identify "hot" spots needing emphasis on management plans, the Chateaugay-Notown project assessing natural communities with an eye towards a significant Legacy Project, and a cooperative effort with the Marsh-Billings-Rockefeller National Historic Park using the parks for a working classroom for teachers and students.**

Success Story #3

**The Windham County Forester and staff developed an invasive/exotic plant workshop that attracted 60 participants.**

Success Story #4

Success Story #5

### Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

### Page 10

Success Story #1

**A street and park tree inventory program was developed to assist smaller communities in developing UCF management plans. Training in this program was provided in cooperation with the Northeast Center for Urban and Community Forestry. On-site technical assistance was provided to Springfield**

Essex and South Burlington, and as a result the program was modified to allow running the program on a personal digital assistant (PDA).

Success Story #2

**In cooperation with the Vermont Association of Professional Horticulturists (VAPH), the program sponsored its tenth annual technical workshop on urban forestry. Over 150 participants learned about state-of-the-art nursery production and transplanting techniques from University of Virginia Extension Specialist, Dr. Bonnie Appleton.**

Success Story #3

**The City of Montpelier became the home of Vermont's Millennium Grove. Spearheaded by the Montpelier Tree Board, the grove was established at the local high school. Additional trees provided for this effort are being stored temporarily at the newly established municipal tree nursery. In addition to these projects the Tree board completed development of an urban forestry management plan and began a novel tree maintenance program for private trees providing public benefits, where the city and the landowner share tree maintenance expenses with support from a program grant.**

Success Story #4

**The program was successful in establishing several new volunteer tree programs this year. Notable is the Springfield Friends of Trees, who began outreach efforts to bring in new members, conducted an inventory of street and park trees, and developed guidelines for new planting projects.**

Success Story #5

**The Vermont Backyard Forest Stewardship Program provides information and technical assistance to suburban landowners on the critical role they play in natural resource management. Expanded from Chittenden into Rutland county during the past year, this program addresses the issues relating to sprawl and the impacts educating landowners on their role in forest and community sustainability. Over 200 landowners have participated in the program, recognizing that "small forests are a big deal".**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**In cooperation with the Vermont Chapter of the American Society of Landscape Architects, the program developed a new publication, "Planting Sustainable Landscapes-A Guide for Plan Reviewers." The goal of the manual is to help in the review of planting designs of development projects to determine if the plans are appropriate for the project site and sustainable over time.**

**Page 12**

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**Links to the strategic goals are sustainable Economic Development, Healthy & Sustainable Forests, Information Resource Management and Changing Values and Increasing Demands.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**The technical and financial assistance enables our program to provide forest industry training efforts in safety, improved utilization of the forest resource, marketing and industry support. The support provides us with the opportunity to partner with other associations, departments and groups interested in enhancing, extending and improving the utilization of Vermont's forest resource.**

What contributions of the program meet states/local issues and needs?

**These elements are also linked to the Vermont Forest Resource Plan, the Agency of Natural Resources Strategic Plan and the state Economic Development Plan.**

Products developed from the program. Special initiatives efforts/programs.

**Produced: FIA Brochure, 2 Energy Fact Sheets, Portable Sawmill Directory, Sawmill Directory, U&M Update Brief. Expanded the coverage and content of the Forest Exchange Bulletin to further promote the State Forest Based Industries.**

Success Story #1

**Provided detailed analysis of current out sourcing needs of wood product businesses in Vermont for a group of laid off workers seeking to start their own company. This assistance was the key to the creation of their business plan.**

Success Story #2

**Wood Energy in Schools: With two conversions completed in 2000 and another to occur in the coming year the total number of wood heated schools will reach 26. With these additions, wood fuel use by schools is expected to increase by nearly 40%. This will result in the need for at least one new supplier, increasing sawmill profitability and retaining rural jobs .**

Success Story #3

**The department's Marketing and Exchange Bulletin is the only publication of its type in the region. With readership of 2600, growing by over 200 in the past year, this free bi-monthly bulletin serves the region's forest products industry with classified ads, announcements, articles, and business profiles. The business profiles describe a Vermont forest products business. Profiled businesses routinely receive a number of new contacts attributable to the article. These new contacts result in new customers and sales. The department's bulletin has a direct impact on the region for sales, income and jobs.**

Success Story #4

**Worked with Economic Development Department to successfully obtain funds from state legislature to conduct a thorough assessment of the wood products manufacturing sector in order to provide practical direction for retention and growth of businesses.**

Success Story #5

**Assisted a cooperator with developing marketing strategies to sell material from small diameter wood. As a result of the cooperators success she has participated in forums and will be participating in two sessions at the upcoming "Smallwood 2002" conference next year.**

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**WA - 2001**

**Page 6**

Success Story #1

**Family Forest Conservation Project: Pilot project with goal of developing a Programatic Habitat Conservation Plan (HCP) which multiple landowners can "plug into" by developing Forest Stewardship Plans. This is multi-year project which is slated to come to fruition in 2004. Intent is to provide long-term regulatory certainty as an incentive to help keep family forest lands from being converted to non-forest use.**

Success Story #2

**Regional Forest Owners Field Days -- Almost 4500 landowners have attended these educational events since 1996. Washington has cosponsored event with neighboring Idaho and Oregon. Landowners give the events rave reviews. Has proven to be an outstanding method of recruiting new landowners into the Forest Stewardship Program.**

Success Story #3

**Coached Forest Stewardship Planning -- Washington coined the term "coached planning" after modifying and adapting the concept which was originally developed in Montana. In Washington, landowners complete an 8-10 week educational course to help them develop a Forest Stewardship Plan. They receive instruction and individual "coaching" from natural resource professionals as part of the process. Very popular. Courses receive outstanding evaluations from "graduates" who go on to become our most active and strongest supporters of the Forest Stewardship Program.**

Success Story #4

**State-operated Cost-Share Programs: DNR has used FSP funds to conduct cost-share programs for Forest Stewardship Plan development and Wildfire Hazard Reduction. The application process is much simpler and user-friendly than traditional USDA cost-share procedures and has received accolades from landowners because of this.**

Success Story #5

**Backyard Forest Stewardship/Wildfire Safety Program: A "how to" information kit targeted at woodland homeowners and others with very small forest acreages who cannot be adequately served through traditional technical assistance and education programs. Very popular. Thousands distributed in hard copy and also via Internet. WA was the first state to develop this approach, others have subsequently adapted it for their needs.**

Page 8

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**In FY 2001, the Washington State Forest legacy Program purchased a conservation easement on the Kimball Creek property. Two other projects are still in progress; Issaquah Creek Headwaters and Raging River. The 80 acre Kimball Creek parcel is located southeast of the greater Seattle area and adjacent to the I-90 national Scenic By Way in the Mountain to Sound Greenway. The surrounding property is zoned Rural Residential which allows for 5 acre home sites. The limited fee ownership of this property was purchased by the Trust for Public Land and donated to the Department of Natural Resources and King County as tenants in common for inclusion in the Rattlesnake Mountain Scenic Area. This property will be managed in perpetuity as a working forest and managed jointly by both agencies under the Rattle Snake Mountain Scenic Area Management Plan. Rattlesnake Mountain is an important connection between the Cascade Mountains to the east and the Puget Sound lowlands to the west for scenic viewing, habitat viewing and recreation. As part of the Forest Legacy Program this parcel has a net positive effect on growth management within the state. The program helps to avert rapid loss of high value forest lands to residential use and provide protection for habitat, provides land owners with tax benefits, provides resources to the forest products industry, promotes**



good forest management practices, and increase the public awareness of the need for such a program.

Success Story #1

The Kimball Creek acquisition is a good example of the Forest Legacy program working with local trust to protect areas identifies as critical for protection from development by numerous local stakeholders. The Trust for Public Land brokered the purchase of the conservation easement using Forest Legacy funds and the Fee interest in this property with private funding. The limited fee was then donated to DNR and King County for inclusion into a managed landscape where the goals are consistant with those of the Forest Legacy Program.

Success Story #2

Success Story #3

Success Story #4

Success Story #5

Page 10

Success Story #1

The Urban and Community Forestry Program (U&CF) received \$93,000 in Title VIII funds. The funds are being used to improve the quality of the Urban Forest in three Washington cities. The U&CF Program granted the City of Tacoma \$28,000 to implement a Dutch Elm Disease (DED) management program. The DED management program will consist of education of individuals and organizations involved in the management of Pierce County's urban forest resources. The program will focus on identifying the highest priority trees in need of preventative care or removal. This will assist low-income property owners by buffering the expense of treatment or removal of diseased trees. The third tier of the program will be the development of a regional elm wood disposal site. Facilitation of the program will take place through the City of Tacoma and the Pierce County Urban Forest Coalition. Tacoma is in Washington's 6th congressional district and is represented by the Honorable Norm Dicks. The second project will take place in the City of Spokane. They received \$25,000 that will be used to assist low-income property owners by bearing the costs of pruning street trees adjoining their properties. Spokane is in Washington's 5th congressional district and is represented by the Honorable George R. Nethercutt, Jr. The third project is a Watershed Analysis project that will be conducted in Seattle/King County to explore using new technologies in mapping of watersheds. This project is in development. Seattle is in Washington's 7th congressional district and is represented by the Honorable Jim McDermott.

Success Story #2

The Washington State U&CF Program granted the King County Department of Natural Resources \$90,000 to develop an Urban Forestry program for the purpose of assisting in the conservation and restoration of urban forest habitat and the expansion of tree cover in urban areas. The geographic priority for assistance will be areas historically underserved by urban and community forestry, including low-income and minority communities, urban unincorporated areas, forested County Parks in urban areas, and urban areas in incorporated communities. The King County Urban forestry program will also work with the Natural Resources Stewardship Network (NRSN). The NRSN is a program of technical, educational and financial assistance to assist community-based urban forestry and watershed stewardship projects by matching the resources of participating agencies to the needs of the community. This grant will benefit Washington's 1st congressional district, represented by the Honorable Jay Inslee, Washington's 7th congressional district, represented by the Honorable Jim McDermott, and Washington's 8th congressional district, represented by the Honorable Jennifer Dunn.

Success Story #3

The Urban and Community Forestry Program and the Washington Community Forestry Council have been working on a public outreach and awareness building campaign. The U&CF and the Council determined it would be most effective to focus on service organizations and civic groups, i.e. Kiwanis, Rotary, Lions, etc. This group was targeted because many members are the political and business leaders in the communities. By focusing on service groups, the Communications Plan would impact many leaders in a very efficient manner. The goal is to increase awareness of Urban Forestry in Washington State and to challenge community leaders to take action. The Communications Plan and implementation will be completed at a cost of \$40,000.

Success Story #4

The U&CF program has partnered with the University of Washington's Center for Urban Horticulture in conducting a three-phased study to determine the State of Washington's Community Forest. Phase one of the project was to determine how many communities have tree inventories and to determine they way they are being used for urban tree management. This phase of the project is 99% completed. Phase two of the project is to do an analysis of statew de urban forest public policy and management trends. This phase is roughly 25% completed. The third phase of the project is to review the tree ordinances in the State of Washington. This phase should be completed by the fall of 2002. The results may be published in a report characterizing the state=s community forests. The report is intended to assist local governments interested in carrying out active urban and community forestry programs by giving them a set of tools to increase quality of life. It will serve the U&CF Program by informing us of where there are informational gaps and needs for more focused attention.

Success Story #5

Washington is a large and geographically diverse state. One of the many challenges faced by the U&CF program is how to provide technical assistance to the eastern part of Washington. In Federal Fiscal year 2001, one of the ways this was accomplished was to enter into a contract agreement with Jim Flott, Urban Forester for the City of Spokane. Jim has provided quality technical and educational assistance to many communities in the northeastern part of Washington. This expands the State's capacity for technical assistance to smaller towns in Eastern Washington. This assistance will benefit Washington's 5th congressional district, represented by the Honorable George R. Nethercutt, Jr., and Washington's 4th Congressional district, represented by the Honorable Doc Hastings.

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

Washington had 40 communities achieve the Tree City USA award for 2000. Ten communities received growth awards. In 1999, Washington had 32 Tree City USA Communities. In addition to increased Tree City USA participation, the U&CF program also stressed education. The U&CF Program partnered with the Pacific Northwest Chapter of the International Society of Arboriculture to hold a Tree Selection Symposium in the spring of 2001. This symposium brought professionals from all aspects of urban forestry to the table to discuss issues, network, and achieve greater level of understanding. The day consisted of four panels discussing different aspects of urban tree management; city planners/foresters, nursery professionals, landscape architects/designers, tree maintenance professionals. The event was well attended and the feedback extremely favorable.

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What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Assistance to small businesses using by-products of forest restoration and hazardous fuels reduction. Technology transfer of new information regarding sustainable development to these small businesses.

**Creation and support of organizations to promote small business and community development.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**Helped find leveraged funding for projects. Served on panels to both develop project proposals and to review and evaluate projects for funding.**

What contributions of the program meet states/local issues and needs?

**Coordination among diverse groups seeking business development opportunities in natural resource use.**

Products developed from the program. Special initiatives efforts/programs.

**Strong regional efforts to explore and carry out projects and activities to increase use of low-value forest material for biomass and wood energy utilization.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

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Success Story #1

**Endangered Species Match Program Wisconsin continued in its program to match management plan applications against the BCD database of known occurrences of threatened and endangered species. Wisconsin has also augmented this database with locations of known rare or special communities. Through the community match we can make the landowner aware of the potential for rare or endangered species even if none have been specifically located on a property. This matching program has been very popular with the consultants and DNR foresters preparing the management plans, especially as our base of management guidelines has grown to help with making recommendations. In 2001, 2460 management plan applications were checked against the database. 410 (17%) were within the same location as a known endangered resource occurrence. There were 935 individual species or community matches representing 217 species and 51 communities. Each of these management plans then were better able to address the resources needs through this program.**

Success Story #2

**Forest Raptor Project FSP funds contributed to a pilot project to produce a goshawk color poster and forest raptor identification cards. This cooperative effort between several Bureaus of the WDNR is designed to provide education and training opportunities on issues regarding forest raptor status.**

natural history, identification, survey techniques, and management. This effort has several key objectives including 1) to provide land managers and forest stewards with technical information that can be used for ecologically-based decision making regarding their forest resources, 2) to facilitate awareness and appreciation of the species by the general public, and 3) to solicit the assistance of forestry professionals and other land managers in locating forest raptor nests and monitoring population trends. 2000 posters and sets of identification cards have been produced and are in the process of being distributed. If this effort is well-received, we plan on expanding next year to produce posters featuring other forest raptors.

Success Story #3

**FHTCS – Computerized Habitat Classification System Assist Phase II** of developing a software application for use with Wisconsin’s Forest Habitat Classification System is nearly complete. Phase I completed last year entailed the development of the computer program to assign a habitat type to a site based on user-supplied plant list and location within the state (matching to soils, topography, original vegetation, bedrock and ecosystem classification information) for the Southern part on the State. The second phase is taking the updated habitat classification system information and expanding the program to cover the Northern part of the State. Testing and improvement is continuous at this point. The program can generate a description of the predicted habitat type for the property and the management implications for the landowner and forester. The report is designed to be user-friendly to the landowner and to be incorporated into the Forest Stewardship Management plan for the property. Staff will be trained once the testing is complete. Early indications are showing a 92% accuracy of prediction

Success Story #4

**Wisconsin Forest Landowner Grant Program** The Wisconsin Forest Landowner Grant Program (WFLGP) is a state program patterned after the federal Stewardship Incentive Program (SIP). It was developed in 1998 partially to replace the dwindling federal cost share assistance dollars available to forest landowners and to meet the growing need to assistance in this area. The program, popular since its inception funds the development of Forest Stewardship Management plans as well as the forestry practices indicated within the plan. The WFLGP received a much-needed boost in funding this year. The annual \$1 million dollar appropriation was given an increase of \$250,000. These funds, which come from the Forestry Account, essentially funnel forestry mill tax revenues back into private forestland management. The WFLGP reimburses landowners who enhance their forest and by implementing sound forest management on their property or by obtaining a professionally prepared, long-range, management plan for their property. Currently this popular program has a waiting list of several hundred landowners, so this increase will be well used. The program currently assists about 500 landowners annually and with the increase will be able to assist 125 additional landowners.

Success Story #5

**State Nurseries Expand Diversity in Response to Demand** State nurseries successfully increased the diversity of the species offered in both wildlife shrubs and tree species. The wildlife packets have proven extremely popular, so last year the nurseries increased production and species diversity. They also expanded into a wide array of non-traditional forest species such as: burr oak, butternut, black spruce, black cherry, silver maple, hemlock, yellow birch, quaking and big-toothed aspen. Offering these species adds needed diversity to planted forests and improves the overall quality of Wisconsin’s private forest lands. Additionally, we are proud of the fact that Wisconsin’s State nurseries were able to use predominately Wisconsin seed-sources for all species. The exceptions would be the seed collected from seed orchards in the State, but this genetically tested material has already proven adaptable and is from adjacent states.

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Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

**Have Assessment of Need published and in process of distributing. Received and assessed 1 new FLP application and found it may be better match to establish it as a State Natural Area rather than a FLP project; however, since it is unclear as to whether a Land Trust is going to purchase the property we need to wait until ownership is established. Have also been working on drafting FLP Easement language for a dual purpose: 1. for purchase of development rights on first FLP tract, and 2. to serve as template for future easements. Since this program contains issues new to the land purchasing Bureau there has been a learning curve associated with the process. Completed appraisal on first FLP tract.**

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Success Story #1

**The cities of Manitowoc and Kamogawa, Japan, share a Sister City relationship. In alternating years, delegations from each city visit the other to participate in a multicultural experience that further strengthens the Sister City bond. When visiting, the Kamogawa delegation donates and assists in planting Columnar Sergeant Cherry trees in the city. This symbolic gift from Japan is intended to help solidify the friendship between the two cities. The cities of Manitowoc and Kamogawa, Japan received the 2001 Long-term Partnership Award from the Wisconsin Urban Forestry Council. Congressional district 6. Population impacted 32,000 in Manitowoc, 31,000 in Kamogawa, Japan.**

Success Story #2

**Dane County, the Wisconsin Urban Forestry Council, the UW-Madison Department of Landscape Architecture and the Wisconsin Nursery Association teamed up to plan and implement Wisconsin's Millennium Grove. The Council decided the location of the Grove should be Lake Farm County Park in Dane County (where Madison is located). A new county Heritage Center was recently constructed here and the new Centennial State Park opened adjacent to the center. The Heritage Center interprets the human and ecological heritage of this part of the state and Centennial State Park celebrates the 100-year anniversary of the state park system. A grove of 100 Famous and Historic Trees is an excellent compliment to the historical interpretations and celebrations of this site. The Wisconsin Nursery Association is helping to care for and grow about half the trees to a larger size. The other half has been planted in a temporary nursery at the park. UW-Madison Landscape Architecture Students will participate in a design competition for the final site plan. When complete, visitors will be able to see and touch the trees involved with historic events and the people famous for their contributions to our culture. Congressional district: 2. Population impacted: 400,000.**

Success Story #3

**Realizing a need to understand the environmental and economic effects of trees and greenspace in a rapidly developing suburb, the city of New Berlin's Department of Community Development conducted an urban ecological analysis through an urban forestry grant. This analysis estimated the impact of tree loss on stormwater management costs, measured the effectiveness of present tree/landscape ordinances, and modeled design scenarios for subdivisions, commercial and industrial development. The analysis showed the vital economic and environmental roles that trees and greenspace play and was used to revise the city's zoning and subdivision ordinances, and develop policies and site planning guidelines, setting an example for other rapidly developing areas. Congressional district: 4. Population impacted: 37,000.**

Success Story #4

**Southeast regional urban forestry coordinators created an email distribution list to facilitate communication among the regions and community foresters. The list not only helps the DNR distribute technical information, but communities use it to request information or help from other communities. The city of Kenosha, for example, surveyed other communities about how they handled used Christmas trees. It found that most communities used contracted labor to collect the trees. Implementing this idea let their tree crews do more street tree pruning, saving time and money. Congressional districts 1, 4, 5, 6, 9. Population impacted 2 million plus.**

Success Story #5

**The city of Mauston used an urban forestry grant to landscape their new library with nearly 200 trees, shrubs and perennials. However, this project looked beyond the landscaping to the future of the community. The Library purchased 32 tree related books and videos for both children and adults. With their children in mind, the library conducted an Arbor Day Training Workshop for local day care providers. They were taught the varying ways Arbor Day is celebrated throughout the country along with the history and importance of this day for our young to understand. The adults were not left out either as speakers gave presentations on waterscaping, butterfly gardens and proper care of trees. This project, like the trees, will provide dividends for years to come. Congressional district 6. Population impact: 3600.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Educational Efforts/Special Initiatives After 2½ years of surveys, focus groups, interviews, aerial photographic work, and extensive data analysis (and 5 retirements!), the DNR completed its review of the its urban forestry assistance program. The resulting 47 page report presents background on the urban forest in Wisconsin and the DNR urban forestry assistance program, summarizes the program's accomplishments, and explores major issues that were found through the assessment process. A new set of strategic goals for the program is proposed and priority roles for DNR staff and partners are suggested. Forty-six specific recommendations are made to enhance the current program and position it for the future of urban forestry assistance in Wisconsin. August saw the culmination of over 2 years of effort when the International Society of Arboriculture held its 77th Annual Conference in Milwaukee. State Urban Forestry Coordinator Dick Rideout co-chaired the event which attracted over 2600 tree professionals from 4 continents, 17 countries, 47 states, the District of Columbia and 2 US territories, braking the all time attendance record. The DNR Division of Forestry was able to utilize its Forest Service urban forestry grant funds for a major sponsorship to greatly enhance the 4 days of educational programs. The Wisconsin Arborist Association, the DNR, the Forest Service and nearly 300 volunteers were credited throughout the conference for their efforts in making this a record-breaking educational event of global impact. Congressional districts: virtually every one across the country. Population impact: Millions throughout the world. The Wisconsin Urban Forestry Council and the DNR led by regional urban forester David Stephenson, helped facilitate the International Society of Arboriculture (ISA) Research Trust's tenth annual "Tour Des Trees" bicycle ride to raise money for urban tree research and raise awareness of urban forestry. A record 100 riders from across the country participated in the tour traveling in parts of Minnesota, Iowa and Illinois and five days in Southern Wisconsin. While in Wisconsin, a number of communities, including, La Crosse, Prairie du Chien, Dodgeville, Lodi, Madison, Watertown and Milwaukee partnered with many organizations and businesses to publicize the tour and the importance of urban forests. The tour was the culmination of the work of hundreds of volunteers and nearly a year of planning. Mayors, corporate CEO's, state legislators, small business owners, citizens and many others participated in PR events that highlighted the accomplishments of communities and urban forestry programs across the state. More than \$425,000 was raised overall, making this the most successful fundraising event ever for the ISA Research Trust. Congressional districts 2, 3, 4, 5, 9. Population impacted 2 million.**



## 2001 Narrative Report

What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

**The Wisconsin program addresses a broad spectrum working with companies on improved efficiency, marketing and energy. The program is also active in providing business retention and expansion assistance. Through joint efforts with the University system business planning assistance is offered. In marketing we continue to help companies identify markets to remain competitive . Through the FPC&R program we have been able to provide continuing education to our staff to better meet the needs of Wisconsin's forest industries.**

Describe the extent to which technical and financial assistance contributed to program outcomes.

**The varieties of Rural Development grants have been a significant help in increasing logger training program; providing training to industry, foresters and landowner. The funding has acted as leverage for creative project that are high risk such as an ethanol plant that will be heated with wood if it is built. With out the grant the company would not have even been able to start too develop the project. The support has enabled the continued training of State forest product specialist by allowing them to participate in national meeting and regional training outside of Wisconsin. The technical assistance funds allow for several dry kiln workshops to be done by Dr. Fred Lamb. We have also been able to use it to leverage state fund to gather marketing information that will help to meet the national strategy.**

What contributions of the program meet states/local issues and needs?

**The program as implemented in Wisconsin meshes very well with our state efforts to improve the utilization of our resource. Through industry assistance, and training. The funds and program have helped to encourage other partners participate in the effort further enhance the program in Wisconsin to the benefit of the forests for the nation and Wisconsin.**

Products developed from the program. Special initiatives efforts/programs.

**Products developed from the program. Utilization Workshops, Dry Kiln Workshops are two successful workshop in part supported by technology transfer funding and staff time. Through technical industries are supported and helped in business retention and expansion. Information exchanges through publications. This all blends together to create Wisconsin program.**

Success Story #1

**A successful program has been a joint effort with the Forest Industry Training Alliance in doing Utilization Workshops. These workshops encourage the interaction of logger, mill owners and foresters on logging, forest management and processing. They each get to see the others perspectives through these sessions. This helps the foresters in their planning of the management of timberland to allow for the limitation of the logging equipment and for the logger to understand what the forester is try to achieve. They both gain a better understanding of the what the sawmill has to do.**

Success Story #2

**Through a detailed study that was done at a large hardwood sawmill the sawmill was able to improve it's efficiency and competitiveness. The study looked at the log buying practices and the yields from the logs. The study also looked at the production problems within the mill. The study identified problems in the companies log procurement. They where paying to much for some of their logs. The headrig in the sawmill was worn-out and the study documents the affect of this. From the study the company corrected there log buying practices and replaced their headrig and address other problem in the mill that where identified. Resulting in a much more profitable and efficient operation. Their lumber yield from their logs has improved significantly along with grade yields.**

Success Story #3

Wisconsin DNR hosted the Northeast Utilization and Marketing Council Annual meeting in June 2001. Approximately 45 participants with 11 states represented the meeting. During the meeting the group toured 11 different facilities. These ranged from Sawmills, logging equipment manufacturer, doors plant, furniture plant, flooring plant, and a technical education facility. Etc. The attendees saw a broad spectrum of manufactures. A common topic at the plants was the competition from China in the furniture industry. They also had the opportunity to discuss green certification at sawmills. The meeting showcased Wisconsin industries plus exposed the state and federal specialist to a broad spectrum of the forest industries. The meeting also offered the opportunity for everyone to network among the different state and federal programs.

Success Story #4

Through funding made available from USDA-FS Technology Marketing Unit at the Forest Product Laboratory a spreadsheet for basic sawmill lumber grade yield study analysis designed to provide simplified calculations of gross margins by log grade was developed. This program will shortly be made available to state specialists and the forest industry. The use of this simple tool helps state specialists assist firms in how to monitor their operation to maintain an efficient and profitable venture.

Success Story #5

Several years ago a rural development through forestry grant funded the development of a publication titled "Forest and regional development - Economic impacts of woodland use for recreation and timber in Wisconsin" this work has become the source for Socio-Economic information for state forest plans. It has also provided needed support for legislation in Wisconsin to strengthen the forestry program. It also continues to be used by other disciplines such as parks in their planning process. The broad use of this by many groups and that it has helped heighten the understanding of the importance of the forests along with helping explain the symbiotic relationship between users make it a very successful project.

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Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

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Success Story #1

The Division of Forestry, using Stewardship Grant funds, with the WVU Division of Forestry finalized an Assessment report of Nonindustrial Private Owners in the state along with identifying the priority assistance needs of NIPFs that they would most readily respond. Four hundred and fifty-one respondents participated in the study. Results of the study will be used to target landowners for specific topics as well as gear workshops or programs that reflect the property uses and activities conducted by those landowners or their properties. This study has been continued so as to actually develop the educational and training information for NIPFs. (Statewide)

Success Story #2

The Division of Forestry partnered with the Woodland Owners Association of West Virginia, Inc. to help host a spring workshop and a fall workshop for NIPFs. The workshops were conducted in conjunction with their membership meetings. Certification credits were provided to Consulting Foresters and other resource planners as an incentive for them to bring landowner clients to the workshops. The spring meeting concentrated on pending programs available to NIPFs including a review of the Forest Legacy Program. The meeting also explained Tree Farming and opportunities to use the tools of Forestry to create landowner desires for managing their woodlands including wildlife habitat, recreation, forest product development, etc. The fall meeting concentrated on managing NIPF properties for wildlife habitat diversity along with a preview of the Forestry Strategic Plan for West Virginia and its potential impacts on NIPFs. (Congressional District #2)

Success Story #3

The Division of Forestry conducted seven certification workshops for consulting foresters and resource planners during the year. Stewardship Resource Planners are required to attend at least two of these workshops/yr. to remain certified to write stewardship plans. All professional foresters working in West Virginia must receive at least 10 SAF approved credit hours of training to be a registered professional forester. The stewardship workshops provide opportunities for 35 credit hours. Subject matter for the workshops included managing for alternative forest products such as medicinal plants and herbs; plan writing guidelines for West Virginia; marking timber for harvest; ethics in forestry; creating wildlife habitat with food plots; herbicides in silviculture and wildlife habitat enhancement on private lands of multiple ownerships. (Congressional Districts #1 & #2)

Success Story #4

Success Story #5

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Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

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Success Story #1

**Parkersburg Library Population: Parkersburg - 33,862; Wood County - 86,915** Congressional District: 1 A partnership involving the Parkersburg Tree Commission, Parkersburg-Wood County Library Board and the Division of Forestry has led to the development of an arboretum and outdoor classroom. Approximately one acre of land adjacent to the library parking lot has been developed into an informative botanical display primarily featuring trees native to West Virginia. The goal of project was to provide an outdoor learning center within walking distance of several nearby schools and to create a community arboretum. The Library Board and Tree Commission approached the Division of Forestry for assistance and support. A list of native species and planting plan was then developed. The Mayor of Parkersburg, Jimmy Colombo, dedicated city funds to the project and began soliciting funds from the private sector. A Demonstration City Grant in the amount of \$4,000 was awarded to the project. These funds provided 40 native trees and 10 shrubs to the arboretum. City funds and private donations exceeded \$8,000 by this past summer. Total leveraged funds have provided a walking path, lighting, watering system, identification plaques, lecture area, and informational kiosk. Schools have begun to utilize the lecture area for environmental discussions and the arboretum to educate students about trees. The Library Board is involving senior citizens as

volunteer caretakers to assist with flower planting and tree maintenance. This cooperative effort has created a community arboretum for all residents of Parkersburg as well as Wood County to enjoy.

Success Story #2

**Morgantown Population: 25,879 Congressional District: 1** Morgantown has been recognized as a Tree City USA since 1996 and has one of the most active tree boards in West Virginia. Their Tree Board is comprised of very dedicated and knowledgeable people that continue to advance urban forestry efforts in Morgantown. Members are involved on many levels from cooperating with City officials to organizing volunteer tree planting events and Arbor Day activities. Over the past few years, the Morgantown Tree Board has become well organized and developed much citizen support in the process. Morgantown utilized \$5,000 from the Demonstration City Grant program this year to complete a professional street tree inventory and purchase software to manage collected data. This information is being utilized to develop a management plan specific to each city ward. The Tree Board can now establish long-term goals and objectives and use this data to build support for an improved tree care budget. Local funds leveraged by this grant totaled \$7,985. Some of these funds purchased 25 trees that were planted by volunteers on Arbor Day. The 2001 Morgantown Arbor Day Celebration was a well organized and publicized event. The highlight of the event involved volunteers planting 25 trees along residential streets. Tree Board members and volunteer tree planters spent the entire day planting and interacting with local residents. This event proved to be a very effective method of educating citizens and increasing the visibility of the Tree Board. Morgantown was a pilot participant in the new Municipal Tree Restoration Program this year. This cooperative effort between Morgantown and Allegheny Power resulted in the planting of 34 small maturing trees under electric utility lines. Several declining trees that posed potential hazards were also removed. Citizen support was generated through a public awareness campaign sponsored by Allegheny Power and the Tree Board. Residents were made aware of the program goals and over-all management strategy of planting the "right tree in the right place". Supplemental funds from the USFS Mid -Atlantic Center for Urban Forestry were awarded as a Demonstration City grant to WVU for an innovative project. WVU in partnership with the Tree Board began an ambitious undertaking involving the establishment of permanent forest health plots. The goal is to obtain critical baseline data on tree stocking, tree health, and growth rates to allow future detection of any changes in the health of the urban forest. Plots have been established and information on tree species composition, size, crown condition, hazard status, and damages were collected. Digital mapping is planned to delineate various urban forest zones in Morgantown and to incorporate plot data into a geographic information system. These efforts will further the goal of creating a long-term management plan for Morgantown.

Success Story #3

**WV Partnership Coordinator Statewide - Population: 1,793,477 Congressional Districts: 1, 2 & 3** Through encouragement of the U.S. Forest Service (USFS) the WV Division of Forestry (WV DOF) has added a Partnership Coordinator. Andy Sheetz began filling this role in March 2001. He has a strong background in landscape maintenance and the ability to bring organizations together. His duties include assisting WV Tree Boards around the state accomplish their mission. Should a Tree Board need volunteers to plant trees, he will help with recruitment. If financial assistance is needed, he will solicit donations from private industry or the numerous charitable foundations that operate within West Virginia. Part of the job duties include the National Arbor Day Poster Contest. In cooperation with the National Arbor Day Foundation, he will encourage fifth grades from across the state to participate in this fun way to learn about trees and our environment. Other duties of this position include volunteer training, assisting Tree Boards with organizational skills and create private/municipal partnerships. Some success stories thus far include: The town of Montgomery, WV is developing a municipal park. Through a partnership of WV Division of Forestry (WV DOF), WV Division of Highways (WV DOH), West Virginia University Technical College, the Town of Montgomery and headed by Lewis Talbott. Through the use of work release prisoners, college students, WV DOH employees, Town of Montgomery employees and WV DOF staff a site has been selected, unwanted vegetation has been removed, and drainage issues are being addressed. A

landscape plan has been developed and several donations have been secured. Completion of this park is slated for late spring of 2002. The Town of Cedar Grove, WV is also developing a city park. Harold Fout, with the Cedar Grove Recreation Committee contacted WV DOF about developing a park. The park will include a central walking path, benches, and updated playground equipment that is handicap accessible. Funds for this project will be solicited from several sources. The Town of Cedar Grove will be supplying the land installation of the playground equipment and any required ongoing maintenance. Letters requesting assistance from the Governor Bob Wise the Kanawha County Commissioners and to several private businesses have been sent. The remainder of the funds will hopefully be secured from a local charitable foundation. Nancy Michael, a teacher at Blackshere Elementary contacted WV DOF about installing an Outdoor Classroom. The Outdoor Classroom will provide two ponds connected by a small stream with a waterfall. A shelter will provide an area for students to gather and learn more about nature. Six different science stations will expose students to various elements of our environment. Both ponds have already been installed, a landscape plan has been developed and a winding path has been established. Partial funding of this project will be secured through a grant from a local charitable foundation. Completion is estimated for Spring of 2002. In April 2001, Charlie Lewis, Superintendent of Spring Hill Cemetery in Charleston, WV contacted WV DOF about continuing the establishment of a native species arboretum at Spring Hill Cemetery in Charleston, WV. Spring Hill Cemetery had previously received grants from WV DOF for this purpose. With the assistance of the WV Partnership coordinator a private donation of \$1,000.00 was secured from the Dow Chemical Company Foundation. This arboretum will provide a learning area for city school children to learn about trees and nature.

#### Success Story #4

**Mt. Hope Population: 1,573 Congressional District: 3** Mt. Hope is a small town in southern West Virginia where coal jobs are no longer abundant. Businesses have left the town and it has seen an erosion of its tax base. These conditions have led to the formation of a citizens group called Mt. Hope Working Together. Mt. Hope Working Together is a volunteer group that is dedicated to the betterment of Mt. Hope through debris clean-up, flower bed planting, and tree planting on city parks and rites-of-way. Due to the towns poor financial condition Mt. Hope Working Together has had to raise nearly all of the funds needed to finance these projects. They have held bake sales, catered events in town, and received contributions from fellow townspeople. In the summer of 2000, Mt. Hope Working Together approached the West Virginia Division of Forestry about assistance from its Urban & Community Forestry Program in helping Mt. Hope become a Tree City USA. The Division of Forestry provided assistance in several ways. First, with information and recommendations on writing a tree protection ordinance for the town. Next, the members of Mt. Hope Working Together traveled to St. Albans, WV for an interactive meeting with that cities tree board. The St. Albans Tree Board is one of the oldest and best established tree boards in West Virginia. The members of St. Albans Tree Board gave a presentation about the formation and history of their organization. They answered questions about their function and role in the community and gave their visitors from Mt. Hope a tour of various urban projects around St. Albans. Soon after the tour Mt. Hope Working Together began working on a tree ordinance and the formation of a tree board. Their goal was to become a Tree City USA in one year. The Division of Forestry has assisted this effort in several ways. Demonstration City Grant moneys were dispersed to the city of Mt. Hope in the amount of \$1,677. These were used for planting 32 trees and removing 5 hazard trees. Due to a lack of discretionary funds, Mt. Hope Working Together raised most of the matching funds needed to obtain this grant through volunteer efforts. Mt. Hope Working Together received 40 bare root seedlings from the Community Tree Planting Program. This is a cooperative program between the Division of Forestry and the National Tree Trust. These seedlings were planted at various locations in Mt. Hope on public land. Mt. Hope Working Together provided ten volunteers to complete this planting project. Mt. Hope Working Together has made great strides in advancing toward their goal of becoming a Tree City USA. They have now written and the Mt. Hope City Council has passed a new tree protection ordinance which provides for the establishment of a tree board to govern the care of the city's trees. This tree board met for the first time in October of 2000. In the Spring of 2001 the city of Mt. Hope proclaimed and celebrated Arbor Day. And, due to the fund raising efforts of Mt. Hope Working Together, the City of Mt. Hope should meet the \$2 per capita spending level to make them eligible for



**Tree City USA status. Mt. Hope Working Together is a good example to other small communities that a handful of dedicated volunteers can make a difference. The future is bright for Mt. Hope. The tree board is already looking at ways to beautify their new industrial park. Mt. Hope Working Together is raising money to continue their planting efforts, and help sustain the tree board. The Division of Forestry is continuing to support them with monetary and technical assistance.**

**Success Story #5**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Mountaineer Treeways Program Statewide - Population: 1,793,477 Congressional Districts: 1, 2 & 3**  
Mountaineer Treeways is a joint effort between WV Division of Forestry (WV DOF), WV Division of Natural Resources (WV DNR), WV Division of Highways (WV DOH) and WV Turnpike Authority (WV TNP). Mountaineer Treeways provides free tree seedlings for volunteer groups across the state to plant on public property. Each partner agency adds value to this program. WV DOF has partnered with the National Tree Trust (NTT) to provide the tree seedlings. The WV DOF Clements State Tree Nursery has agreed to grow and maintain the NTT seedlings. WV DOH has agreed to planting sites along their right-of-ways. WV DNR agreed to provide their database of Adopt-A-Highway volunteers. WV TNP has agreed to provide transportation, traffic control and planting sites along their right-of-way. The initial vision was to use these tree seedlings along WV DOH and WV TNP right-of-ways. These seedlings would help WV DOH and WV TNP reduce mowing costs on hillsides, prevent erosion, add to the natural beauty of WV Highways and act as wind breaks. Additional program goals include increased partner participation and additional support for the Urban Forestry program. However, as planning meetings continued a need became apparent to expand this program to all public property. An informational brochure, application and tree seedling maintenance agreement were developed. Tree seedlings selected for Mountaineer Treeways are native to West Virginia. Resource Conservation and Development Councils throughout West Virginia are supporting this program through monetary donations. These donations allowed the printing of 5,000 informational brochures, applications and tree seedling maintenance agreements. An initial mailing was completed in mid August by the WV DNR. Volunteer groups on the Adopt-A-Highway mailing list were invited to participate in a fall planting. Six volunteer groups will plant a total of 571 tree seedlings in late October or early November. Future goals for the Mountaineer Treeways program include: tree planting on high profile sites such as rest areas; signs that will provide volunteer groups with recognition and identify planting sites; possible cash donations for the planting of larger diameter trees; opportunities to train volunteers in proper planting techniques; and to raise awareness of and build both public and political support for Urban Forestry in West Virginia.

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What strategic goals of the Forest Products Conservation and Recycling National Strategy are being addressed by the program?

Describe the extent to which technical and financial assistance contributed to program outcomes.

What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

**Success Story #1**

**Success Story #2**

**Success Story #3**

**Success Story #4**

**Success Story #5**

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).



**The National Wood In Transportation Information Center (NWITIC) is located in Morgantown, WV. The center is the technology transfer and distribution component of the National Wood In Transportation (NWIT) program. The center provides “one-stop shopping” to bridge engineers, highway officials, community leaders, and industry leaders on timber bridge engineering information and related subjects. In federal fiscal year 2001, more than 1000 individual requests were received and processed by the center. These requests came from customers throughout the United States and the world. The center has over 350 individual publications, plans, fact sheets, etc. available to the public. Many of these publications are the result of completed demonstration projects the program cooperatively funded. Once successful projects are completed, some type of documentation is developed and then made available to potential users of this information.**

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

**Approximately 28 percent of the 590,000 road bridges in the United States need repaired or replaced. Many of these bridges have short spans (less than 60 feet) and are on low volume roads. Modern timber bridge technology provides an efficient alternative for replacing these structures as the need arises. Technology developed through the assistance of the National Wood In Transportation program provides bridge engineers and highway officials additional options in rebuilding and improving their local transportation infrastructure.**

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

**In federal fiscal year 2001, two special project grants in West Virginia were officially closed. These projects were with the West Virginia University’s Constructed Facilities Center (CFC). The purpose of the grants is to provide technical assistance to bridge engineers, highway officials, and other customers of the NWIT program in West Virginia and the nation. Specific activities provided included: 1. consulting services to engineers, fabricators, and prospective owners of wood bridges, 2. limited design services, 3.) promotional services, 4.) reports and presentations, 5.) distribution of plans and specifications, 6.) assisting NWITIC with pre-application site visits.**

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.

**Barriers/limitations continue to be: - poor perceptions of timber as a long-term structural material for transportation applications, - lack of knowledge about designs, preservatives, and construction techniques, - quality control in the construction of structures, - an economical and available supply of structural material from underutilized timber species for use in transportation structures. The current NWIT program strategy to address these issues is to continue to focus funding for the federal fiscal year 2002 competitive grants program on a few large scale demonstration projects that will aid in commercializing and institutionalizing proven technology developed during the last twelve years of the program. In addition, a major program priority continues to be on distributing the best available information about WIT technology. This effort includes the evolution of the WIT web site and an automated technology transfer and distribution system to improve the efficiency and range of services provided by the NWITIC located in Morgantown, WV.**

## **WY - 2001**

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#### **Success Story #1**

**Stewardship plan numbers increase significantly Development of stewardship plans increased significantly during FFY 2001. Plan totals increased from 110 in FFY 00 to 190 this past year, an increase of 73 percent. Demand for technical assistance in the area of fire mitigation/defensible space has increased as a result of the 2000 fire season. In addition, requests for agroforestry assistance has**

risen due in part to success of past plantings and the continuous CRP program. The continuous CRP program has provided cost share assistance for agricultural tree plantings in the absence of programs such as the Stewardship Incentive Program (SIP) and the Wildlife Habitat Improvement Program (WHIP) that have been utilized in the past. This increase in requests for assistance has been met through inter-agency cooperation. Federal, state and county natural resource management agencies cooperated in the development of stewardship planning to address natural resource concerns throughout the state. Plan focus varied widely. Resource areas addressed include riparian area protection, silviculture, wild fire mitigation-defensible space and agroforestry practices to protect soil, water, energy and livestock resources. The cooperative nature of these efforts made possible the timely response to landowners needing assistance in the management of their properties. Congressional District 1.

Success Story #2

**Living snow fence program** There were nine additional plantings installed under the living snow fence program during FFY 01. These plantings comprised a total of 27,966 lineal feet of tree row installed adjacent to federal and state highways in seven counties throughout the state. These tree rows will eventually provide protection for 1.8 miles of public roadway. Benefits over traditional wooden snow fence structures include reduced costs, creation of wildlife habitat and aesthetic enhancement of the highway system. The contributor list to the program continues to grow. This past year assistance was received from the Wyoming State Forestry Division, USDA – Natural Resources Conservation Service and Forest Service, Wyoming Dept. of Transportation, National Wild Turkey Federation, Volunteer Fire Depts., Pennaco Corp., Wyoming Honor Conservation Camp, Boy Scouts, Juvenile Probation Youth and many private landowners.

Success Story #3

Success Story #4

Success Story #5

**Page 8**

Narrative Analysis: Overall developments and products developed from the program. Special initiatives efforts/programs

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 10**

Success Story #1

**A statewide two day workshop for tree board members was held in Lander. The workshop was well received and attended by representatives from over a dozen Wyoming Towns. The gathering provided an excellent opportunity for tree board members to share ideas and gather new information. Attendees also included mayors and county commissioners. This was the first year for the workshop. It will likely continue on an annual basis and rotate to different communities.**

**Congressional District 1**

Success Story #2

**The first ever statewide Big Tree Register was implemented. Nominations have been received for both urban and rural trees and media coverage has been extensive. Several tree boards are involved with the program in an effort to bring awareness to the diversity of tree species in their community. The Wheatland Tree Board conducted a local champion tree contest and awarded prizes to the**

**nominators with the largest trees. Congressional District 1**

Success Story #3

**Wyoming now has 29 cities and towns that qualify for Tree City USA's. This represents 30% of the States incorporated communities. Ten communities recieved a Growth Award for additional accomplishments during the year. Congressional District 1**

Success Story #4

**An annual Construction Contractors Workshop in Cheyenne included a session on preventing construction damage to trees. The Cheyenne Urban Forestry Division arranged for a consultant to teach the session. This is the first time trees were a part of the agenda and participants gave the session the highest rating of all topics presented during the two day workshop. Because of an interest gained from this presentation, two city planners later attended a National Arbor Day Foundation conference in Nebraska City, Nebraska. Congressional District 1**

Success Story #5

**The City of Casper continued with a greatly enhanced approach to managment of their urban forest. During the year they planted 1459 trees and pruned over 100 mature trees. An ordinance change was made authorizing a program of boulevard tree pruning. Enforcement of this new ordinance resulted in pr uning of about 1/2 of those trees deemed in most need of pruning. For the second year \$100,000 was allocated for contract tree pruning. The funds wer eused for maintenance pruning identified in an updated tree inventory. The tree inventory has been incorporated with the city's GIS program.**

Narrative Analysis: Educational or other products developed from the program. Special initiatives efforts/programs

**Page 12**

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What contributions of the program meet states/local issues and needs?

Products developed from the program. Special initiatives efforts/programs.

Success Story #1

Success Story #2

Success Story #3

Success Story #4

Success Story #5

**Page 14**

Narrative Analysis: Reason and/or need for this program in your location (key issues, needs to be addressed and how these tie to the broad outcomes listed for this program).

Narrative Analysis: How has the program (processes and outputs) contributed to addressing state/local issues and needs and the broad outcomes listed for this program?

Narrative Analysis: Key observations, accomplishments, success stories in terms of localized benefits and linkages (e.g. social, environmental, and economic benefits).

Narrative Analysis: Barriers or limitations encountered; solutions that worked, suggestions for national/regional applications/changes.