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AmeriCorps Renewal for FY 96

- A) Title of Project: Flood Recovery
- B) Name of Organization: NRCS
- C) Team Type: RDT
- D) State of Duty Station of AmeriCorps Members: Iowa
- E) County of Duty Station of AmeriCorps Members: Iowa
- F) Names of Counties served by Members: Iowa, Tama, Benton, Johnson
- G) Congressional District of duty station of the Members: 2
- H) Name of site supervisor: Steven J. Johnston
- I) Address: 435 N Highland
PO BOX 210
Williamsburg IA 52361-0210
- Telephone Number: (319) 668-2359
- Fax Number: (319) 668-9004
- J) Name of State Project Manager: James E. Ayen
- K) Address: Natural Resources Conservation Service
FEDERAL BUILDING
210 WALNUT ST STE 693
DES MOINES IA 50309-2180
- Telephone Number: (515) 284-4370
- Fax Number: (515) 284-4394
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

2. SUMMARY PAGE for clusters located in Palo Alto, Iowa and Warren Counties

A. Members responded directly to the needs of the communities in the project areas by writing news releases; distributing information flyers, developing mailing lists and preparing mailings to contact landowners adversely affected by the 1993 floods. As a result over 200 landowners with close to 10,000 acres responded and offered lands to the NRCS for enrollment into the Emergency Wetlands Reserve Program (EWRP).

They are currently involved in working with the landowners in developing the restoration plans on these 10,000 acres.

Members have received job training in meeting landowners, applying technical principles to the development of the flooded areas, and evaluating the restoration needs of the offered sites. They have become very effective in meeting both the EWRP and AmeriCorps objective.

B. Members will continue in the development of the EWRP plans and contract documents, restoration and assist in the implementing of the restoration plans. They will also work with local Soil and Water Conservation Districts, County Conservation Boards, local school districts, and non government organizations like Pheasants Forever, Ducks Unlimited, and The Nature Conservancy in restoring these areas and establishing outdoor classrooms and carrying out education and informational activities. They will continue in the development of the Geographic Information System (GIS) data layers in the targeted wetland restoration areas in Iowa.

They will be key members of the team working with landowners in the implementation of the 1995 Wetlands Reserve Program by contacting landowners; determining eligibility; and developing restoration plans.

AmeriCorps Renewal for FY 96

- A) Title of Project: Flood Recovery
- B) Name of Organization: NRCS
- C) Team Type: RDT
- D) State of Duty Station of AmeriCorps Members: Iowa
- E) County of Duty Station of AmeriCorps Members: Warren
- F) Names of Counties served by Members: Warren, Polk, Dallas, Madison, Lucas, Wayne, Monroe
- G) Congressional District of duty station of the Members: 3
- H) Name of site supervisor: Al Younk
- I) Address: 515 N JEFFERSON SET G
INDIANOLA IA 50125-1700
Telephone Number: (515) 961-8932
Fax Number: (515) 961-8939
- J) Name of State Project Manager: James E. Ayen
- K) Address: Natural Resources Conservation Service
FEDERAL BUILDING
210 WALNUT ST STE 693
DES MOINES IA 50309-2180
Telephone Number: (515) 284-4370
Fax Number: (515) 284-4394
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE FOR CLUSTER IN POTTAWATTAMIE COUNTY

A. The Members have been collecting resource data for building Geographic Information System (GIS) layers. The Conservation Reserve Program (CRP) lands are being identified in specific counties for evaluating land use and flooding damage. Wetland locations and there relationships with the eligibility for WRP and EWRP are being evaluated.

The Loess Hills Scenic Byways brochure has been revised and distributed for western Iowa.

The landscape architecture use in beautification projects for rural communities and the Iowa Department of Transportation have been very positive for the development of outdoor classroom and recreational outreach. They have also developed plans for the restoration of damaged communities in southern Iowa

They have received intensive on the job and formal training on GIS and Landscape Architecture equipment, working with units of government leaders; resolving conflicts and making decision.

B. We plan on continuing the current projects brining them to closure and opening new opportunities for local communities in the development of their community's possibilities.

We will also provide in-depth career counseling and provide opportunities for advancement in the work force.

AmeriCorps Renewal for FY 96

A) Title of Project: Flood Recovery and Rural Development

B) Name of Organization: NRCS

C) Team Type: RDT

D) State of Duty Station of AmeriCorps Members: Iowa

E) County of Duty Station of AmeriCorps Members: Black Hawk, Allamakee

F) Names of Counties served by Members: Black Hawk, Tama, Benton, Clayton, Fayette, Floyd,
Chickasaw, Howard, Winneshiek, Allamakee, Bremer, Buchanan

G) Congressional District of duty station of the Members: 2

H) Name of site supervisor: James W. Frederick

I) Address: 142 N LAWLER

PO BOX 348

POSTVILLE IA 52162-0417

Telephone Number: (319) 864-7112

Fax Number: (319) 864-7113

J) Name of State Project Manager: James E. Ayen

K) Address: Natural Resources Conservation Service

FEDERAL BUILDING

210 WALNUT ST STE 693

DES MOINES IA 50309-2180

Telephone Number: (515) 284-4370

Fax Number: (515) 284-4394

L) Number of Members in Public Lands and Environment Teams: 0

M) Number of Members in Rural Development Teams: 24

2. SUMMARY PAGE FOR BLACK HAWK AND ALLAMAKEE COUNTIES CLUSTER

A. Members are divided between the NE Iowa RC&D and the non profit economic development group - Silos and Smokestacks. Their products have been the development of tourism and recreational projects expressly to improve the economy and strength of the north east area of Iowa. They have developed:

- tourism brochures for the NE Iowa
- Public Market place in downtown Waterloo
- Amish interpretive center
- Norman Borlaug birth place site and the Institute for Bio-diversity at Decorah
- Mesquakie Indian Settlement Interpretive Center
- Rockford fossil and prairie area
- Rural heritage museum
- Intensive grazing system education and demonstration - established " Pasture Walks" in 5 counties though the summer
- Joint training and meeting session in Rochester, MN for Intensive grazing system development

B. These elements will continue. The first six months have been very productive. Now the work on developing relationships will result in finalizing the products that will be produced for the betterment of NE Iowa

Objectives

COMMUNITY SERVICE OBJECTIVE #1:
GRANTEE: NRCS SITE: IOWA, IOWA

SITE SUPERVISOR: STEVE JOHNSTON PHONE NO: (319) 668-2359

COMPONENTS OF OBJECTIVE STATEMENT: To assist landowners in developing wetland restoration plans for inclusion in the wetlands reserve programs and in doing so have a positive effect on the environment and surrounding communities.

1. What work will be done?

a. Meeting landowners to develop Emergency Wetlands Reserve Program (EWRP) and Wetlands Reserve Program (WRP) restoration plans and contract documents.

b. Surveying and assisting in the design of wetland restoration plans including engineering and seeding practices.

c. Develop informational and educational materials for the project area.

d. Develop Geographic Information System (GIS) data layers for the Iowa River Corridor Project.

2. What is the hoped for result of the work/activities described above?

a. Over 70 landowners will have EWRP and WRP easements filed.

b. Over 4000 acres of wetlands and adjacent lands will be restored.

c. The general public will learn of the success and benefits of the restored area.

3. How will you measure the quality of your work?

a. The number of easements filed within the established time frame.

b. The number and acres of retired wetlands and adjacent areas.

c. Number of communities served and reports of benefits received.

4. By what standard will you gauge success?

a. In addition to Item 3, long term success will be measured by the effect the restoration activity will have on the communities adjacent to the project areas.

5. How many individuals will receive the benefit of the work of your Members?

a. Between 70 and 100 landowners initially with upwards of 150 additional during the remainder of the year.

COMMUNITY SERVICE OBJECTIVE #2

GRANTEE: NRCS SITE: IOWA, PALO ALTO

SITE SUPERVISOR: RODNEY HANSEN PHONE NO. (712) 852-2701

COMPONENTS OF OBJECTIVE STATEMENT: To assist landowners in developing wetland restoration plans for inclusion into the wetlands reserve programs and in doing so have a positive effect on the environment and surrounding communities.

1. What work will be done?

a. Meeting landowners to develop Emergency Wetlands Reserve Program (EWRP) and Wetlands Reserve Program (WRP) restoration plans and contract documents.

b. Surveying and assisting in the design of wetland restoration plans including engineering and seeding practices.

c. Develop informational and educational materials for the project area.

d. Develop Geographic Information System (GIS) data layers for the Iowa River Corridor Project.

2. What is the hoped for result of the work/activities described above?

a. Over 80 landowners will have EWRP and WRP easements filed.

b. Over 6000 acres of wetlands and adjacent lands will be restored.

c. The general public will learn of the success and benefits of the restored area.

3. How will you measure the quality of your work?

a. The number of easements filed within the established time frame.

b. The number and acres of retired wetlands and adjacent areas.

c. Number of communities served and reports of benefits received.

4. By what standard will you gauge success?

a. In addition to Item 3, long term success will be measured by the effect the restoration activity will have on the communities adjacent to the project areas.

5. How many individuals will receive the benefit of the work of your Members?

a. Between 150 and 400 landowners initially with upwards of 600 additional during the remainder of the year.

COMMUNITY SERVICE OBJECTIVE #3

GRANTEE: NRCS SITE: IOWA, WARREN

SITE SUPERVISOR: AL YOUNK PHONE NO: (515) 961-8932

COMPONENTS OF OBJECTIVE STATEMENT: To assist landowners in developing wetland restoration plans for inclusion in the wetlands reserve programs and in doing so have a positive effect on the environment and surrounding communities.

1. What work will be done?

a. Meeting landowners to develop Emergency Wetlands Reserve Program (EWRP) and Wetlands Reserve Program (WRP) restoration plans and contract documents.

b. Surveying and assisting in the design of wetland restoration plans including engineering and seeding practices.

c. Develop informational and educational materials for the project area.

2. What is the hoped for result of the work/activities described above?

a. Over 65 landowners will have EWRP and WRP easements filed.

b. Over 2500 acres of wetlands and adjacent lands will be restored.

c. The general public will learn of the success and benefits of the restored area.

3. How will you measure the quality of your work?

a. The number of easements filed within the established time frame.

b. The number and acres of restored wetlands and adjacent areas.

c. Number of communities served and reports of benefits received.

4. By what standard will you gauge success?

a. In addition to Item 3, long term success will be measured by the effect the restoration activity will have on the communities adjacent to the project areas.

5. How many individuals will receive the benefit of the work of your Members?

a. Between 65 and 100 landowners initially with upwards of 125 additional during the remainder of the year.

COMMUNITY SERVICE OBJECTIVE #4

GRANTEE: NRCS SITE: IOWA, POTTAWATTAMIE

SITE SUPERVISOR: MARTIN L. BRASTER PHONE NO: (712) 432-3029

COMPONENTS OF OBJECTIVE STATEMENT: The planning and design for rural communities and landscapes in Iowa including water for watershed protection and awareness, excessive soil loss, habitat restoration and enhancement, and outdoor education and recreation.

1. What work will be done?

a. Meeting landowners and community leaders to assist them in determining their community and resource needs.

b. Conducting surveys to used to resource development plans.

c. Develop informational and educational materials for the project area.

d. Develop landscape architectural materials for the presentations.

e. Develop schematic plans for rural beautification.

2. What is the hoped for result of the work/activities described above?

a. 100 requests for assistance are received.

b. 40 requests will be completed.

c. The general public will learn of the success and benefits of the activity through information and educational activities.

d. Geographic Information System (GIS) information will be entered on data bases to identify various land cover characteristics for use by planning professionals in resource management.

3. How will you measure the quality of your work?

a. The number of requests received and projects completed with in the established time frame.

b. The number of quad sheets of data layers developed with in the established time frame meeting the required quality standards.

c. Number of communities served and reports of benefits received.

4. By what standard will you gauge success?

a. In addition to Item 3, long term success will be measured by the effect the projects will have on the communities being served.

5. How many individuals will receive the benefit of the work of your Members?

a. Potentially 5000 persons annually will benefit from this activity.

COMMUNITY SERVICE OBJECTIVE #5

GRANTEE: NRCS SITE: IOWA, POTTAWATTAMIE

SITE SUPERVISOR: JAMES W. FREDERICK PHONE NO: (319) 864-7112

COMPONENTS OF OBJECTIVE STATEMENT: To plan and organize tourism attractions or service which has public, environmental, educational value, and economic development, including museums, farm tours, countryside tours, and the development of an Agricultural Heritage area.

1. What work will be done? Continuing with the projects begun during the first year of AmeriCorps including: the development of tourism brochures for north east Iowa; the establishment of a downtown public market place in historic downtown Waterloo; development of an Amish and Mesquakie Indian Interpretative centers; establishing the Norman Borlaug birth place and Institute of Bio-diversity in Decorah; and the Rural Heritage Museum.

2. What is the hoped for result of the work/activities described above?

That the north east Iowa area has tourism and rural development as an integral part of the economy of the area.

3. How will you measure the quality of your work?

By the number of project proposals developed, numbers of requests for northeast Iowa information received; and the increase in of tourism dollars reported.

4. By what standard will you gauge success?

a. In addition to Item 3, long term success will be measured by the effect the projects will have on the communities being served.

5. How many individuals will receive the benefit of the work of your Members?

Potentially upwards of 10,000 persons annually will benefit either economically or from the enjoyment of the area.

1. TITLE PAGE:

A) Title of Project:

Parks and Wildlife Restoration Team(s)

B) Name of Organization:

National Resources Conservation Service and Kansas Department of Wildlife and Parks

C) Team Type (PL&E or RDT, or combined):

PL&E

D) State of Duty Station of AmeriCorps Members:

KS

E) County of Duty station of AmeriCorps Members

Clay, Ellsworth, Jefferson, Mitchell, and Rooks

F) Names of counties served by Members (up to 15 counties):

Brown, Clay, Ellsworth, Jefferson, Lincoln, Mitchell, Osborne, Russell, Rooks, and Sheridan

G) Congressional District of duty station of the Members:

Congressional District No. 1 and No. 2

H) Name of site supervisor (at the local or county level):

Glen Elder - Mike Nyhoff; Kanopolis - Rick Martin; Milford - Mark Mohler;
Perry - Gary Bernasek; Webster - Michael Zajic

I) Address, phone number, and fax number of site supervisor:

Glen Elder Reservoir, Kansas Department of Wildlife and Parks, Box 162 A,
Glen Elder, KS 67446; (913) 545-3345; Fax (913) 545-3347

Kanopolis Reservoir, Kansas Department of Wildlife and Parks, RR1, Box 26D,
Marquette, KS 67464; (913) 546-2565; Fax (913) 546-2343

Milford Reservoir, Kansas Department of Wildlife and Parks, Box 301, Wakefield, KS
67487; (913) 238-3014; Fax (Not Available)

Perry Reservoir, Kansas Department of Wildlife and Parks, Box 464 A, Ozawkie, KS
66090; (913) 246-3449; Fax (Not Available)

Webster Reservoir, Kansas Department of Wildlife and Parks, RR1, Box 153, Stockton,
KS 67669; (913) 425-6775; Fax (913) 425-6775

J) Name of state project manager:

Larry D. Miles

K) Address, phone number, and fax number of state project manager:

760 S. Broadway, Salina, KS 67401; (913)823-4578; Fax (913)823-4540

L) Number of Members in Public Lands and Environment Teams:

20

M) Number of members in Rural Development Teams:

5

2. SUMMARY PAGE - on one page provide an overview of:

A) Exactly what specific accomplishments were achieved in the first half a year of the project in meeting the community service objectives and boosting the personal development of the Members.

COMMUNITY SERVICE ACCOMPLISHMENTS

- refurbished picnic shelter damaged by vandals (120)
- assisted with construction of Boy Scout Shelter (32)
- assisted with Heritage Village Community Development Project (32)
- designed and planned a parking lot and boat ramp (60)
- installed fish habitat using recycled Christmas trees (16)
- assisted local residents cleanup ice storm damage debris (100)
- worked with a rest home to cleanup storm damage debris (7)
- presented career day program to Jefferson High School students (4)
- helped City of Valley Falls remove ice storm damage debris from city park and adjacent area (30)

Specific project accomplishments are:

Wildlife and Parks Teams:

Kanapolis Reservoir:

- installed 163 international signs
- installed 2 wind warning devices
- cleaned and painted park workshop
- planted 150 cedar trees
- installed 6 fishing regulation signs
- placed fish structures (cedar trees) in the lake
- cleaned and repaired 25 bluebird boxes
- pulled flight feathers and banded 60 geese
- built 24 wood duck boxes
- rebuilt 30 picnic tables
- installed drain pipes in 4 beaver dams
- trapped and relocated beaver causing damage to the park
- built two information shelters
- assisted high school student with research project
- assisted with snow removal
- repaired park vehicles
- assembled and transported 24 geese nesting structures
- repaired and modified 8000 feet of fence
- repaired water crossing
- cleared 16,000 feet of trail
- captured and relocated prairie dogs to flood damaged areas

- dug and transplanted 40 trees

Wilson State Park:

- removed protective wire and support ropes from transplanted trees
- assisted fisheries biologist with walleye netting and egg collection
- assisted with tree and flood debris removal
- transplanted numerous cedar trees in campgrounds
- rebuilt fee collection booth

Webster Reservoir:

- installed 60 feet of fence and gate to control hunting access
- installed barrier posts to control access to 4 wildlife areas
- repaired damaged gates and fence at Sheridan Wildlife Area
- cleaned flood debris from 106,000 feet of reservoir shoreline
- repaired park maintenance equipment
- cleaned campsites and support facilities and stocked with firewood
in preparation for hunting season
- mulched new trees
- cut and removed over 150 flood damaged trees
- placed cut trees in reservoir for fish habitat
- assisted fisheries biologist with trout stocking
- constructed over 100 brush piles for wildlife habitat
- assisted wildlife biologist with deer survey
- rebuilt 6 damaged picnic shelters
- repaired boat docks
- removed damaging trees from Rooks State Fishing Lake Dam
- assembled gill nets for fishery biologist
- picked up debris at Rooks State Fishing Lake shoreline
- refinished 20 picnic tables
- cleaned, organized and inventoried park supply storage facility
- repaired 10,500 feet of fence

Glen Elder Reservoir:

- repaired 79,000 feet of fence
- assembled and finished picnic tables and shelters
- cleaned camp grounds
- completed deer survey
- prepared fire break
- repaired road
- repaired and maintained park vehicles and equipment
- assisted with computer input of park agricultural permits
- cleaned up and burned trees at the camping sites
- installed 45 stone posts
- installed fish habitat (cut trees) at Lovewell Reservoir
- installed fish habitat (cut trees) at Glen Elder Reservoir

- repaired 15 gates
- conducted two wildlife surveys
- installed 300 signs
- rebuilt a toilet facility
- prepared 25 bags of grass seed

Perry Reservoir:

- installed 15 people control signs
- erected one large informational kiosk
- repaired one informational kiosk
- updated 6 informational kiosks
- cleared trees and brush from 22,000 feet of marsh dikes
- constructed over 100 brush piles for wildlife habitat
- removed ice storm tree debris from 26,000 feet of roadway
- repaired marsh outlet control structure
- conducted two deer surveys
- conducted four waterfowl surveys
- conducted two hunter surveys
- cleaned and repaired 4 geese nesting structures
- repaired 100 picnic tables
- painted 40 trash containers
- removed two courtesy docks
- planted two park flower plots
- installed 200 Christmas trees in reservoir for fish habitat
- repaired 18 rest rooms
- assisted fishery biologist set nets at Atchison State Lake
- repaired 1300 feet of fence at Green Wildlife Area
- cleared 5000 feet of hiking trail at Green Wildlife Area
- repaired and cleaned bluebird houses
- constructed boat ramp at Brown State Fishing Lake
- cleared limbs from 1300 feet of road at Brown State Lake
- constructed 1200 feet of fish habitat at Brown State Lake
- cleaned and organized workshop at Shawnee State Lake
- cleaned Shawnee Lake shoreline and camp grounds of brush and debris
- planted 8 trees at Shawnee State Lake
- repaired a floating dock
- repaired and repainted 4 rest rooms
- removed 6 tons of scrap iron from park
- repaired one bridge

Milford Reservoir:

- cleaned up ice storm debris from Pott. 2 SFL
- cleaned up Pott. 2 SFL shooting range
- preparing sites for building 3/4 of a mile of fence on Tuttle Creek Wildlife Area

- opened 1 1/2 miles of roads from ice storm debris at Tuttle Creek Wildlife Area
- helped fisheries division put in trout habitat at Tuttle Creek State Park
- replaced directional and boundary signs at Tuttle Creek Wildlife Area
- put up bird feeders at 4 nursing homes in Marshall County
- cleared the trees off 1/2 mile of the Nemaha Dam
- helped build wall extensions for lift stations in the state park
- picked up trash along shoreline of Rocky Ford Fishing Area and Pott. 1 fishing area
- applied stain to 20 benches for the chapel in the state park
- put 2 new seats on pit toilets at the Nemaha Wildlife Area
- made mulch out of Christmas trees for the state park
- general maintenance of the chain saw and tree planter and other wildlife area equipment
- established 200 feet of walkway along bank of trout stream for better fisherman access in the Tuttle Creek State Park
- aided fisheries biologist in stocking 1400 rainbow trout in streams below Tuttle Creek Dam
- applied 2 loads of sand to 2 miles of icy roads at Pott. 2 SFL
- put 4 loads of rip-rap into wash-out on the Tuttle Creek Wildlife Area to help prevent soil erosion
- planted 2 acres of new waterways to brome and native grass on the Tuttle Creek Wildlife Area
- cleared trees, prepared sites and planted 10 acres of native grass west of Blue Rapids
- helped the parks clean out the beach house to get ready for the summer concession stand
- helped wildlife biologist prepare 4 floating nest structures to be placed at Tuttle Creek State Park
- retrieved plow from TCRR wildlife area and prepared it for operation
- picked up pallets and trash from Pott. 2 SFL
- received defensive driving training and conflict and resolution training
- assisted in placing boat dock in the Tuttle Creek River pond area
- helped build a staircase in the park office
- made approximately 105 cement patties for sinking fish habitat in Tuttle Creek Reservoir

B) The key elements of the program design for next year. Specifically describe each new service project to be performed by the Members.

Describe any major changes in management structure or partner organizations.

The elements of the program design for next year are the same as this year ie, restore and enhance the parks and wildlife areas to the pre-1993 flood conditions.

3. OBJECTIVES

For each Rural Development Team project you must have at least one and for each Environmental Team Project you must have at least three. In no case, should you have more than five Community Service Objectives.

COMMUNITY SERVICE OBJECTIVE #1:

Restore and enhance Perry, Milford, Glen Elder, Kanapolis, and Webster state parks to pre-1993 flood conditions.

GRANTEE: NRCS
station

SITE: State, County of duty

KS - Clay, Ellsworth, Jefferson, Mitchell, and Rooks

SITE SUPERVISOR: Please refer to Title Page (H) PHONE No.:

COMPONENTS OF OBJECTIVE STATEMENT:

Provide biological (plant identification) input for identification of Kansas riparian areas and wetlands.

Then answer the following questions:

1. What work will be done?

Provide cleanup and maintenance support for state parks and wildlife areas including grounds, facilities, and habitat damaged during the 1993 flood.

2. What is the hoped for result of the work/activities described above?

State park grounds and facilities will be restored to preflood conditions and suitable for public recreation.

3. How will you measure the quality of your work?

Comparison of the recreational use of the parks and wildlife areas to pre-flood conditions.
Comparison of wildlife population and diversity to pre-flood conditions.

4. By what standard will you gauge success?

Four thousand acres of parks grounds, facilities, and habitat will be restored and enhanced.
Recreational use and wildlife population and diversity is at least 90 percent of pre-flood conditions.

5. How many individuals will receive the benefit of the work of your Members?

Recreations with over four million user days of recreational use at parks and wildlife areas.

3. OBJECTIVES

For each Rural Development Team project you must have at least one and for each Environmental Team Project you must have at least three. In no case, should you have more than five Community Service Objectives.

COMMUNITY SERVICE OBJECTIVE #1:

Restore and enhance Perry, Milford, Glen Elder, Kanapolis, and Webster state parks to pre-1993 flood conditions.

GRANTEE: NRCS
station

SITE: State, County of duty

KS - Clay, Ellsworth, Jefferson, Mitchell, and Rooks

SITE SUPERVISOR: Please refer to Title Page (H) PHONE No.:

COMPONENTS OF OBJECTIVE STATEMENT:

Provide biological (plant identification) input for identification of Kansas riparian areas and wetlands.

Then answer the following questions:

1. What work will be done?

Provide cleanup and maintenance support for state parks and wildlife areas including grounds, facilities, and habitat damaged during the 1993 flood.

2. What is the hoped for result of the work/activities described above?

State park grounds and facilities will be restored to preflood conditions and suitable for public recreation.

3. How will you measure the quality of your work?

Comparison of the recreational use of the parks and wildlife areas to pre-flood conditions.
Comparison of wildlife population and diversity to pre-flood conditions.

4. By what standard will you gauge success?

Four thousand acres of parks grounds, facilities, and habitat will be restored and enhanced.
Recreational use and wildlife population and diversity is at least 90 percent of pre-flood conditions.

5. How many individuals will receive the benefit of the work of your Members?

Recreations with over four million user days of recreational use at parks and wildlife areas.

COMMUNITY SERVICE OBJECTIVE #2:

GRANTEE: NRCS
station

SITE: State, County of duty

SITE SUPERVISOR: Please refer to Title Page (H)

PHONE No.:

COMPONENTS OF OBJECTIVE STATEMENT:

Provide opportunities for young people to gain experience in working in a team environment and gain experience in the recreation and wildlife field.

Then answer the following questions:

1. What work will be done?

Repair, renovation and enhancement of parks' grounds, facilities, and wildlife areas. Work with volunteer citizen groups in park and wildlife area renovation. Bring five parks teams together periodically to share experiences, goals, and objectives.

2. What is the hoped for result of the work/activities described above?

Members gain a greater appreciation for the type and extent of facilities available for public use. Members will learn technical skills related to parks and wildlife area management. Members will learn to work with others in a team effort to accomplish a common goal.

3. How will you measure the quality of your work?

Observation of members ability to work with other members, parks staff, wildlife managers, and volunteers.

4. By what standard will you gauge success?

Members are 70 percent successful at completing tasks assigned by parks and management personnel

5. How many individuals will receive the benefit of the work of your Members?

Those individuals with over four million user days of recreational use at parks and wildlife areas. Twenty five AmeriCorps members and their families.

COMMUNITY SERVICE OBJECTIVE #3:

GRANTEE: NRCS
station

SITE: State, County of duty

SITE SUPERVISOR: Please refer to Title Page (H)

PHONE No.:

COMPONENTS OF OBJECTIVE STATEMENT:

Developing partnerships with agencies and associations.

Then answer the following questions:

1. What work will be done?

Working with volunteer groups and communities to build partnerships in the effort or restoring and enhancing the park and wildlife areas.

2. What is the hoped for result of the work/activities described above?

Increased volunteering to assist parks and wildlife personnel in the restoration and maintenance of the park and public land system. Increased volunteering will allow park and wildlife personnel to concentrate on jobs requiring technical skills.

3. How will you measure the quality of your work?

Observation of the citizen volunteer group's appreciation and respect for public use and wildlife facilities and areas. Observation of the interaction of citizen volunteers with AmeriCorps members and parks staff in accomplishing restoration tasks. Survey volunteers to determine perceived success of the AmeriCorps team.

4. By what standard will you gauge success?

The participation of 100 volunteers. Eighty percent of the volunteers surveyed believe the AmeriCorps team effort was successful.

5. How many individuals will receive the benefit of the work of your Members?

Communities in the immediate geographic vicinity of the park. The recreation community with over 4 million user days of recreational use at parks and wildlife areas. Twenty five AmeriCorps members.

1. TITLE PAGE:

- A) Title of Project: Aquatic Habitat and Riparian Area Restoration
- B) Name of Organization: Natural Resources Conservation Service;
- C) Team Type (PL&E or RDT, or combined): RDT
- D) State of Duty Station of AmeriCorps Members: KS
- E) County of Duty station of AmeriCorps Members: Shawnee
- F) Names of counties served by Members: Shawnee and Wabaunsee
- G) Congressional District: No. 1 and No. 2
- H) Name of site supervisor: Norman Sawyer
- I) Address, phone number, and fax number of site supervisor:
3231 Southwest Van Buren, Topeka, KS 66611; (913) 267-5721;
Fax (913) 267-3013
- J) Name of state Project Directors: Larry D. Miles
- K) Address, phone number, and fax number of State Project Director:
760 S. Broadway, Salina, KS 67401; (913) 823-4578;
Fax (913) 823-4540
- L) Number of Members in Environmental Teams: 0
- M) Number of Members in Rural Development Teams: 8

2.SUMMARY PAGE - Aquatic Habitat and Riparian Area Restoration

NEEDS:

Demonstration of methods and techniques to restore and enhance wetland and riparian areas in Shawnee and Wabaunsee Counties. Members will provide community service as they demonstrate stream channel cleanup, streambank stabilization, and public information programs to promote riparian area and wetland restoration and enhancement. The demonstrations will show the "how to" in improving the environment and the public information will inform rural and urban people about how these natural resources are important to all of us.

The Shawnee County Non-Point Source Coordinator will provide direct supervision to the team. The City of Topeka will provide office space and equipment storage space. Kansas State and Extension Forestry or another participating agency will provide a camera and a vehicle. The wetlands and riparian area programs will provide office equipment and supplies. The State Conservation Commission will donate a stream model demonstrator and other informational equipment. The Natural Resources Conservation Service will provide general administration of the program including training, recruitment, and personnel services. The Corporation for National and Community Service will provide for the living stipend and the educational award.

Mission and objectives.

Mission statement:

Increase public awareness of riparian values.

Annual objectives:

1. Restore wetlands in Shawnee and Wabaunsee Counties.
2. Enhance riparian areas in Shawnee and Wabaunsee Counties.
3. Provide public education on methods and benefits in restoring and enhancing wetland and riparian areas.

Narrative:

Needs:

The values of riparian and wetland ecosystems have been well documented. These values include water quality and quantity improvement from removal of sediments and pollutants of surface runoff (Welsch 1991, Leventhal 1991), and reduction of sharp runoff peaks and reduced flooding (Novitzik 1979). These areas provide direct economic benefits in terms of attracting tourists and recreational users (KBS KGS 1987), and production of commercial saw timber (Spencer et. al 1984).

State-wide and national benefits are realized through the important role riparian and wetland areas play in the life history of all fishes and the majority of terrestrial wildlife in the State. These areas provide food, water, wintering habitat, and escape cover. Eight of Kansas' twelve federally-listed threatened or endangered species are moderately to highly dependent on wetland or riparian areas. The recovery of these species is of national concern and riparian and wetland conservation is an important component of this goal.

Based on current United States Fish and Wildlife Service estimates, Kansas lost 405,600 acres of 48 percent of its wetlands between the 1780s and 1980s (Dahl 1990). Most of the losses in Kansas have been associated with the draining and conversion of wetlands associated with agriculture. Riparian areas have not been inventoried to the same extent as wetlands, and the trends are difficult to establish. The losses of riparian areas through agricultural conversion, urban development, channelization, and dewatering has been extensive. These issues of habitat loss are recurring themes at the national level. The need for action has also been identified at a local level based on the demand for technical and management assistance in these areas. Past land use practices have resulted in decreased water quality and quantity, increased in damaging flood, and increased soil erosion. The Americorps team would be used to address these needs through project implementation and general education activities.

The successful conservation of wetland and riparian areas must be founded on a firm understanding of the functions and values that these areas possess. Protection of these areas will be socially justified only when the benefits of conservation outweigh the benefits of conversion. This Americorps proposal is based on this belief, and will concentrate on putting the participants out in contact with local communities to emphasize the valuable resources that are literally "in their back yards". By increasing this awareness, it is hoped that these project will encourage land planners and managers to consider these areas as deserving of conservation and wise management. The projects that the Americorps participants undertake will be used as

demonstration sites that are or will be highly visible. Therefore, the goals of restoration and education will be simultaneously realized. It is believed that the benefits received will not be restricted to the treated sites, but will influence future planning and management decisions.

B) DESIGN.

Concept:

The Americorps team will be utilized by concentrating their efforts on high priority and high visibility areas. This includes reaching the rural communities through streambank stabilization and riparian restoration projects, and increasing the urban population's awareness through stream clean-up and revegetation projects. These projects will be directly linked to restoring riparian and wetland values by improving water quality, increasing wildlife habitat, and creating a more aesthetically pleasing environment. As mentioned earlier, these activities will employ the latest bioengineering techniques.

The Shawnee County Non-Point Source Coordinator will provide direct supervision to the team. Initial work will begin in and around the City of Topeka. The local parks and recreation department is very interested in the possibility to utilize this crew. These clean-up efforts will be used to generate interest and agreement with small rural communities and even with individual property owners. As the project progresses, the efforts will be expanded into the area of streambank and riparian area restoration. The participating agencies will be utilized to provide training and supervision on identified projects. This will be based not only on skills needed for successful project implementation, but will also include training to develop the skills and knowledge of the team members themselves.

Service Activities:

A typical week in the life of the program participants may include a half of a day of site assessment and planning, two days of stream clean-up work, two days working on a restoration project, and another half day on documentation and sharing information with the local community. The work itself would consist of manually removing solid waste pollution such as cans, bottles, paper trash, old tires, and plastic containers. This debris would be gathered in piles which would then be hauled away to a proper landfill area by the community or individual landowner. The restoration work would consist of cutting dormant willows and placing them on the eroding banks of streams, anchoring cut cedar trees to reduce against bank velocities, and planting native tree and shrub seedlings. This work would involve lifting, running chain saws and equipment, and difficult manual labor. Site analysis and planning would consist of

working the streambanks or wetland perimeter to record degraded sites and ranking them in priority. Community education and documentation would include discussing projects with planning boards and individuals and recording progress and accomplishments to be used in evaluating program success.

Relation to Need:

These activities directly address the local, state and national needs discussed earlier by putting the team in direct contact with local decision makers, and completing high priority projects. No program for accomplishing this type of work currently exists in partnership agencies.

Participant Training and Support:

Basic Americorps program training will be provided through the USDA Natural Resources Conservation Service. This will familiarize participants with the program as well as provide basic first aid, CPR, interpersonal relationships, and conflict resolution skills. Technical training will be provided by the primary program partners. This will provide skills in site analysis and planning, project implementation and problem solving, and additional knowledge in speciality areas (forestry, wildlife biology, and soil science). Participants will be supported through the state-wide WRAP network including state offices and field personnel. State-wide updates on program progress will be distributed through an existing newsletter format. Interpersonal and social skills will also be gained by working with other participants, local units of government, state and federal agencies, and nongovernment organizations. Training will take place during project implementation and on days where circumstances prevent field work. The experiences gained by participants will be commensurate with an entry level natural resource management technician position.

Participant Placement and Supervision:

The participants will be supervised on a daily basis by the Shawnee County Conservation District Non-Point Source Coordinator, a district conservationist, or a WRAP agency specialist. The supervising agency will change based on the type and location of work that is being performed. Overall supervision will remain with the Shawnee County Conservation District Non-Point Source Coordinator to provide consistency and stability. Host sites or sponsors will receive an information packet on the Americorps program, acceptable project guidelines, and supervisor contact information. The program supervisor or a primary partner specialist will meet with the service sponsor to go over this information and answer specific questions.

The participant will work as a team in most cases, unless two smaller projects justify breaking the complete team into two working groups temporarily.

Although the type of work involved may tend to attract natural resource graduates, the positions will be open to anyone who possesses at least some college experience (preferable a BA/BS degree). Member selection will be based on a demonstrated desire to learn and develop skills. Recruitment will be carried out by utilizing mass media, universities and junior colleges, and agency distribution. Diversity of the team will be ensured by recruiting through Latin American Organizations, at Haskell Indian College, and in urban as well as rural areas.

5.OBJECTIVES

For each Rural Development Team project you must have at least one and for each Environmental Team Project you must have at least three. In no case, should you have more than five Community Service Objectives.

COMMUNITY SERVICE OBJECTIVE #1:

GRANTEE: NRCS SITE: State, County of duty station

SITE SUPERVISOR: First and last name PHONE No.:

COMPONENTS OF OBJECTIVE STATEMENT:

To increase the public awareness of riparian values by restoring and enhancing aquatic habitat and riparian areas in Northeast Kansas.

Then answer the following questions:

1. What work will be done?

Americorps members will directly serve rural and urban communities in northeastern Kansas by working on wetland and riparian restoration and enhancement projects. These projects would include wetland restoration and creation, bank stabilization, restoration of riparian forest habitat, removal of solid waste pollution and public education activities.

2. What is the hoped for result of the work/activities described above?

Solid waste debris will be cleaned-up on approximately ten miles of urban and rural streams. Approximately three additional miles of stream will be improved through bank stabilization and restoration of riparian forests (30 acres targeted). The acres and miles treated will consist of 35 to 30 project sites. The prescription will concentrate on the use of bioengineering techniques to restore degraded areas. The team will also participate in public education outreach by making presentations at local schools and preparing media news releases.

3. How will you measure the quality of your work?

A reduction in streambank erosion and survival of riparian plantings on at least 80 of restoration sites. Quality will also be judged by surveying the communities and individuals that own the restored and cleaned-up streams.

4. By what standard will you gauge success?

A plan will be prepared for each restored area. This plan will include standards and specifications that will be used to determine successful project implementations. Each area that the crew works in will be photo documented to record improvement. The crew members will also be encouraged to provide input to streamline the process and gain experience in project design and planning.

5. How many individuals will receive the benefit of the work of your Members?

All citizens of Kansas, but in particular residents of northeast Kansas.

1. TITLE PAGE:

- A) Title of Project: Big Creek Bank Stabilization
- B) Name of Organization: Natural Resources Conservation Service
- C) Team Type (PL&E or RDT, or combined): combined
- D) State of Duty Station of AmeriCorps Members: KS
- E) County of Duty station of AmeriCorps Members: Ellis
- F) Names of counties served by Members: Ellis
- G) Congressional District of duty station of the Members: Congressional District 1
- H) Name of site supervisor (at the local or county level): Daniel H. Meyerhoff
- I) Address, phone number, and fax number of site supervisor: 1010 E. 17th
Hays, KS 67401
Ph: (913) 625-2588
Fax (913) 628-3746
- J) Name of state Project Directors: Larry D. Miles
- K) Address, phone, and fax numbers Director: 760 S. Broadway
Salina, KS 67401
Ph: (913) 823-4578
Fax: (913) 823-4540
- L) Number of Members in Environmental Teams: 20 (Part-time)
- M) Number of Members in Rural Development Teams: (4 full-time)

2. SUMMARY PAGE - on one page provide an overview of:

This cooperative effort of federal, state and local agencies as well as private organizations will improve the riparian area of Big Creek in Frontier Park and Fort Hays State University (FHSU) by utilizing a diverse work force of university students and area youth to improve the area for educational, public safety, environmental, and human need purposes. This project was identified as a community need by not only this project's community partners but also within the City of Hays strategic plan.

During the flood of 1993, Big Creek and the area bordering the creek suffered much damage due to rising waters. Problems include sloughing banks, vertical drop-offs, and fallen trees. These problems must be corrected before additional damage occurs to the area.

By meeting the objectives of the project as outlined earlier, this project will meet all the needs as identified for national service projects.

Educational opportunities for the AmeriCorps members will occur as they install structures and plantings to stabilize the streambank, plant trees and shrubs, and install hiking trails and signs identifying plants species along the trail.

The general public, university students, scouting groups, and other organizations will be provided educational benefits from the nature trail that is constructed as well as the streambank stabilization project. The project will also be used as a demonstration project to prove the benefits of bioengineering techniques in stabilizing streambank erosion.

Human needs will be met by making the park a more useful and aesthetically pleasing area. Also, areas within the park will be made handicapped accessible which is not currently the case.

The environment will benefit by reducing the streambank erosion and also by educating the public on environmental needs. The nature trail will also provide public with more environmental awareness.

The issue of public safety will be met through the stabilization of the banks of big creek which will reduce the safety hazards caused by sloughing banks, vertical drop-offs and fallen trees.

3. Mission and objectives. Answer the following questions;

A)What is your mission statement?

The mission of the project is to improve the riparian area of Big Creek in Frontier Park and FHSU by utilizing a diverse work force of university students and area youth to improve the area for educational, public safety, environmental, and human need purposes.

B)What are your annual objectives in the issue area? (list at least three)

1. Reduce erosion through the stabilization of the streambank using bioengineering techniques.
2. Improve the riparian area of Big Creek.
3. Increase the usefulness of the park for educational and recreational activities.
4. Use the AmeriCorps project site as a demonstration showing proper bioengineering techniques for streambank stabilization.

4. Narrative: (not to exceed 7 pages)

In approximately seven pages, organized and labeled in the stipulated categories, provide the following information in a narrative form with as much specificity as possible.

AmeriCorps members for this project will be made up of rural development and environmental corps members. Two rural development members will be hired to provide guidance and direction to the project as well as carrying out some of the more complex tasks. A work group made up of sixteen part-time environmental members will complete the team.

Personnel from the City of Hays and FHSU will serve as the project supervisors. The AmeriCorps team will be headquartered at the Hays parks department office, which is adjacent to the project area. Technical assistance will be provided by the Natural Resources Conservation Service (NRCS), the Kansas Department of Wildlife and Parks (KDWP) and KSEF. Equipment needs will be met by the City of Hays and FHSU. Equipment will consist of chain saws, shovels, pry bars, hand tools, etc. Heavy equipment such as backhoes, dozers, trucks, etc., will be operated by city and university employees. All administrative aspects for the AmeriCorps members will be performed by the NRCS. FHSU AmeriCorps program will assist with the recruitment of participants. The Ellis County Conservation District through its county wetland and riparian program will assist with obtaining grant monies for materials needed to complete the project. Other community partners such as civil groups, university student organizations and others will provide other in-kind and monetary contributions which will indicate their commitment to the success of the project.

AmeriCorps members will engage in activities to accomplish a riparian renovation, enhancement and stream bank stabilization project on Big Creek which runs through the south part of the City of Hays and FHSU. The property is controlled by the City of Hays and FHSU. The project will be broken down into several stages:

1. The 1993 floods cause severe damage to the streambanks of Big Creek as it flows through Frontier Park. Severe bank sloughing and sediment deposit in the stream channel was the result. Bioengineering techniques will be used to stabilize these banks and restore the natural aesthetic beauty of this area.
2. Much of the riparian area in Frontier Park is in need to renovation to maintain the beauty and usefulness of the park area. Also, on FHSU property, a cut channel around the university to prevent flooding does not have riparian vegetation established. Part of this stage would include repairing eroded streambanks and establishing a natural riparian corridor along this section of the stream.
3. A nature trail that is handicapped accessible through part of the park will be established that will run on both sides of the stream through Frontier Park and along the north side of the stream on FHSU property. Native plantings of tree, grass, and shrub species will be identified by signs to be constructed along the trail.
4. A major cleanup of the stream to remove trash, fallen trees, demolished picnic tables, etc., will be conducted to enhance the beauty of the area, including the old stream channel that runs through FHSU campus.

AmeriCorps members are necessary to complete these stages of the project. AmeriCorps members will be recruited through a process which will match their skills and interests with the outcomes to be performed. Specific attention will be given to recruitment in order to attract a diverse group of individuals who are committed to getting things done. Once recruited, member orientation and training will be provided through the USDA NRCS in Salina, Kansas. Participant support will be provided through the Hays NRCS Area Office.

Once completed, the project will enjoy sustainability as plans are being laid for the continued maintenance of the area. The 23rd Judicial District is beginning a restitution program for juvenile offenders who, for different reasons are unemployable. These individuals as well as other area youth will be used to maintain the area once the project is completed. Again, this will be done under the supervision of personnel from FHSU and the City of Hays.

COMMUNITY SERVICE OBJECTIVE #1:

GRANTEE: NRCS SITE: State, County of duty station

SITE SUPERVISOR: First and last name PHONE No.:

COMPONENTS OF OBJECTIVE STATEMENT:

Using bioengineering techniques stabilize about 4 miles of streambank on Big Creek in the City of Hays near Fort Hays State University.

Then answer the following questions:

1. What work will be done?

Using willow stakes, cedar tree revetments, lunger boxes, and other techniques stabilize stream channel banks.

2. What is the hoped for result of the work/activities described above?

The stabilized stream banks will demonstrate how effective bioengineering methods can be in solving these stabilization problems. The stabilized streambanks will add to the natural beauty of the riparian area. The diversity of the aquatic and terrestrial habitat in the riparian corridor will be improved and add to the educational utility of the area for University outdoor classroom use.

3. How will you measure the quality of your work?

Quality will be measured by the change in use of the riparian area for leisure activities by city residents and University students and the change in use of the area for outdoor classrooms.

4. By what standard will you gauge success?

Seventy percent of the stream bank stabilization methods will be successful.

5. How many individuals will receive the benefit of the work of your Members?

About 50,000 to 60,000 residents of the City of Hays, FHSU and residents of surrounding counties. An estimated equal amount of visitors to the area annually will also benefit. Eighteen AmeriCorps members will gain valuable technical training and team work experience.

COMMUNITY SERVICE OBJECTIVE #2:

GRANTEE: NRCS SITE: State, County of duty station

SITE SUPERVISOR: First and last name PHONE No.:

COMPONENTS OF OBJECTIVE STATEMENT:

Establish a nature trail adjacent to an in the riparian area for use as an outdoor educational area.

Then answer the following questions:

1. What work will be done?

Handicapped accessible trail will be constructed. Trees and shrubs will be identified with appropriate signs.

2. What is the hoped for result of the work/activities described above?

A nature trail for general public use as well as educational use will be developed for community use.

3. How will you measure the quality of your work?

A survey of users of the nature trail will be made to measure the quality of the work.

4. By what standard will you gauge success?

1/2 mile of trail will be constructed; seventy percent of the surveyed users of the nature trail indicate the experience has been positive.

5. How many individuals will receive the benefit of the work of your Members?

About 50,000 to 60,000 residents of the City of Hays, FHSU, and surrounding counties will benefit from the nature trail. An estimated 1000 handicapped residents annually will benefit from a facility not previously available to handicapped persons. An additional number of high school and grade school students plus others visiting the university campus will benefit from the nature trail. Eighteen AmeriCorps members will gain technical hands on training and team work experience benefits from the project.

COMMUNITY SERVICE OBJECTIVE #3:

COMMUNITY SERVICE OBJECTIVE #3:

GRANTEE: NRCS SITE: State, County of duty station

SITE SUPERVISOR: First and last name PHONE No.:

COMPONENTS OF OBJECTIVE STATEMENT:

Accomplish a major cleanup of the stream channel to remove trash, fallen trees, demolished picnic tables, etc. to enhance the natural beauty of the area.

Then answer the following questions:

1. What work will be done?

Pick up trash and debris from the stream channel and adjacent area.

2. What is the hoped for result of the work/activities described above?

Enhance the natural beauty of the area. Make the area a pleasant place to visit. Give AmeriCorps members, community volunteers, and the community in general a sense of pride in community accomplishment.

3. How will you measure the quality of your work?

Site evaluations and feedback from the campus community.

4. By what standard will you gauge success?

One mile of stream channel

One half mile of the creek channel situated on campus.

5. How many individuals will receive the benefit of the work of your Members?

An estimated 50,000 to 60,000 residents of the city of Hays, FHSU students, and adjacent county residents would benefit directly. Student and other visitors to the university campus and the city would also benefit. Eighteen AmeriCorps members would gain valuable team work experience. An estimated 300 to 400 local resident volunteers will benefit from the community service provided to the project.

□

TITLE PAGE:

A. Title of Project: Farm*A*Syst Project
B. Name of Organization: U.S. Department of Agriculture, NRCS
C. Team Type: RDT
D. State of Duty Station: Louisiana

E. Parrish of Duty Station: Jefferson Davis
F. Names of parrishes served: Allen, Beauregard, Calcasieu,
Jefferson Davis, & Cameron
G. Congressional District: 7th
H. Name of Site Supervisor: James D. Neveu
I. Address, phone & fax numbers: Imperial-Calcasieu RC&D Area
USDA, NRCS
317 North State Street, Suite 1
Jennings, LA 70546
Ph: (318) 824-9533
FAX: (318) 824-9684

E. Parrish of Duty Station: Madison (2 members)
F. Names of parrishes served: East Carroll, Franklin, Madison,
& Tensas
G. Congressional District: 4th, 5th
H. Name of Site Supervisor: Anthony R. Bridgewater
I. Address, phone & fax numbers: Tallulah Field Office
USDA, NRCS
505 East Green Street
Tallulah, LA 71282
Ph: (318) 574-1606
FAX: (318) 574-1931

J. Name of St Project Director: Billie Moore
K. Address, phone & fax numbers: 3737 Government St
Alexandria, LA 71302
Ph: (318) 473-7768
FAX: (318) 473-7682

L. Number of Members in PL&E: 0
M. Number of Members in RDT: 3

Farm*A*Syst Project - Louisiana
SUMMARY PAGE:

A. Exactly what specific accomplishments were achieved in the first half year of the project in meeting the community service objectives and boosting the personal development of the Members?

Through presentations to farmers, high school students, landusers, cooperators, and federal, state, and local agencies, AmeriCorps Members have created an awareness of potential and existing groundwater pollution problems. Through the education of adults and children, this public awareness campaign will help protect the groundwater of Louisiana for years to come. Over 785 landusers have gained knowledge of the Farm*A*Syst groundwater protection program through presentations given by AmeriCorps Members. Thousands of other landusers have gained knowledge of the program through newspaper articles, radio broadcasts, public service announcements, and television interviews generated by AmeriCorps members. Eighty-two farmsteads directly benefited from one-on-one assessments conducted by AmeriCorps Members. The University of Wisconsin is incorporating the results of the pre- and post assessment surveys in their analysis of the program. Along with these accomplishments, Members have voluntarily become involved in various other community service activities. They have helped prepare food, greet guests, and organize tours during the opening day of Hope Youth Ranch in Minden, Louisiana--a ranch dedicated to helping troubled teenagers. Also, during a tri-agency cluster meeting in Winnsboro, Louisiana, AmeriCorps Members assisted at a local festival. During a cluster meeting in Tallulah, Louisiana, members planted trees in the city park. These Americorps Members have developed a sense of community, and community involvement has become a natural extension of the hours dedicated to accomplishing the Farm*A*Syst project goals.

B. The key elements of the program design for next year. Specifically describe each new service project performed by the members. Describe any major changes in management structure or partner organizations.

Objectives for the next year's project will be 1) develop the knowledge and skills of five AmeriCorps Members within six weeks in order to provide technical assistance necessary to carry out the Farm*A*Syst program, 2) create public awareness of farmstead pollution problems in a nine-parish area resulting in a broad based knowledge of groundwater pollution risks, and 3) conduct Farm*A*Syst assessments on 90 farmsteads to help the landowners become knowledgeable about water pollution. There are no major changes in management structure or partner organizations.

COMMUNITY SERVICE OBJECTIVES

Objective 1

GRANTEE: USDA Natural Resources Conservation Service
Farm-A-Syst (3 Members - RDT)

SITE: Louisiana

COMPONENTS OF OBJECTIVE STATEMENTS: Create public awareness of farmstead pollution problems in a nine parish area resulting in a broad-based knowledge of groundwater pollution risks.

1. What work will be done? What service activities will your participants engage in?

Organize a farm field day, develop a Farm*A*Syst and attend agency and organization meetings.

2. What is the hoped for result of the work/activities described above?

Result in increased public awareness of groundwater pollution risks and best mgmt practices addressing the solutions.

3. How will you measure the quality of your product or impact of your service?

By increased interest and participation by rural landowners and by increased program delivery participation by other groups.

4. By what standard will you gauge success?

Three requests per parish received for Farm*A*Syst assessments per member and by the number of participants at field days, meetings, etc.

5. How many individuals will receive the benefit of the work your participants perform?

Thousands of rural landowners will be notified of the availability and scope of the Farm*A*Syst program targeted parishes. At least 90 farmsteads will directly benefit from assessments conducted by AmeriCorps members.

COMMUNITY SERVICE OBJECTIVES

Objective 2

GRANTEE: USDA Natural Resources Conservation Service
Farm*A*Syst (3 Members - RDT)

SITE: Louisiana

COMPONENTS OF OBJECTIVE STATEMENTS: Conduct Farm*A*Syst assessments on 90 farmsteads (9 per parish) to help the landowner become knowledgeable about water pollution.

1. What work will be done? What service activities will your participants engage in?

Conduct Farm*A*Syst assessments which will include 8 worksheets, a site evaluation, and an overall assessment for each landowner contacted. Members will also evaluate the assessment materials and program implementation strategies to see how they can be made more user friendly.

2. What is the hoped for result of the work/activities described above?

Landowner will make changes to reduce pollution risks and the knowledge and awareness of landowners of water pollution problems will be increased. It will also give the landowners information needed to do the best possible job of protecting the groundwater.

3. How will you measure the quality of your product or impact of your service?

By the actions taken by landowners to change some of their practices that may be affecting their drinking water. Also by the number of requests received for technical assistance.

4. By what standard will you gauge success?

At least 90 farmsteads completing the assessment.

5. How many individuals will receive the benefit of the work your participants perform?

90 farm families.

TITLE PAGE:

A. Title of Project: Dry Fire Hydrant Project
B. Name of Organization: U.S. Department of Agriculture, NRCS
C. Team Type: RDT
D. State of Duty Station: Louisiana

E. Parrish of Duty Station: Lincoln
F. Names of parrishes served: Bienville, Bossier, Claiborne, Lincoln, Jackson, Union, Webster, & Winn
G. Congressional District: 4th, 5th & 6th
H. Name of Site Supervisor: P. Ellzey Simmons
I: Address, phone & fax numbers: Trailblazer RC&D Area
USDA, NRCS
302 Reynolds Drive
Ruston, LA 71270
Ph: (318) 255-3554
FAX: (318) 251-9199

E. Parrish of Duty Station: Franklin
F. Names of parrishes served: Caldwell, Catahoula, Concordia, East Carroll, Franklin, LaSalle, Madison, Morehouse, Ouachita, Richland, Tensas, & West Carroll
G. Congressional District: 4th, 5th & 6th
H. Name of Site Supervisor: Donna J. Remides
I: Address, phone & fax numbers: Northeast Delta RC&D Area
USDA, NRCS
P.O. Box 848
Winnsboro, LA 71295
Ph: (318) 435-7328
FAX: (318) 435-7436

E. Parrish of Duty Station: Livingston
F. Names of parrishes served: Ascension, Assumption, East Baton Rouge, East Feliciana, Iberville, Livingston, Pointe Coupee, St. Helena St. Tammany, Tangipahoa, Washington, West Baton Rouge, & West Feliciana
G. Congressional District: 1st, 3rd, 4th, & 6th

H. Name of Site Supervisor: Danny W. Clement
I: Address, phone & fax numbers: Capital RC&D Area
USDA, NRCS
2191-B Tower Street
P.O. Box 1296
Denham Springs, LA 70727
Ph: (504) 664-5368
FAX: (504) 664-7734

E. Parrish of Duty Station: Natchitoches
F. Names of parrishes served: Beauregard, Caddo, Desoto, Grant
Natachitoches, Rapides, Red River,
Sabine, & Vernon

G. Congressional District: 4th, 5th, 6th, & 7th
H. Name of Site Supervisor: Benny R. Dobson
I: Address, phone & fax numbers: Twin Valley RC&D Area
USDA, NRCS
428 Dixie Plaza
Natchitoches, LA 71457
Ph: (318) 352-4946
FAX: (318) 352-5559

I. Parrish of Duty Station: Jefferson Davis
F. Names of parrishes served: Allen, Beauregarad, Calcasieu,
Jefferson Davis, & Cameron

G. Congressional District: 7th
H. Name of Site Supervisor: James D. Neveu
I: Address, phone & fax numbers: Imperial-Calcasieu RC&D Area
USDA, NRCS
317 North State Street, Suite 1
Jennings, LA 70546
Ph: (318) 824-9533
FAX: (318) 824-9684

J: Name of St Project Director: Billie Moore
K. Address, phone & fax numbers: 3737 Government St
Alexandria, LA 71302
Ph: (318) 473-7768
FAX: (318) 473-7682

L. Number of Members in PL&E: 0
M. Number of Members in RDT: 5

DRY FIRE HYDRANTS PROJECT - LOUISIANA
SUMMARY PAGE:

A. Exactly what specific accomplishments were achieved in the first half year of the project in meeting the community service objectives and boosting the personal development of the Members?

Police juries and fire departments in 52 parishes in Louisiana have been contacted by AmeriCorps members and asked to participate in the statewide dry fire hydrant project. The response has been extremely positive. At least 175 dry hydrant sites have been identified. Construction material storage locations have been identified. preliminary work on the production of a video has been accomplished. As a direct result of efforts of AmeriCorps Members, hundreds of citizens of rural Louisiana will soon have access to fire protection. Because of efforts by AmeriCorps Members countless lives will be saved because of increased rural fire protection. Insurance rates will be reduced because of availability of water supplies, and communities are working together to solve their own problems.

Along with these accomplishments, Members have voluntarily become involved in various other community service activities not directly related to their project goals. As a part of cluster meeting activities, AmeriCorps Members helped to prepare food, greet guests, and organize tours during the opening day of Hope Youth Ranch in Minden, Louisiana--a ranch dedicated to helping troubled teenagers. Also, during a tri-agency cluster meeting in Winnsboro, Louisiana, AmeriCorps Members assisted at a local festival. During a cluster meeting in Tallulah, Louisiana, members planted trees in the city park. These Americorps Members have developed a sense of community, and community involvement has become a natural extension of the hours dedicated to accomplishing dry fire hydrant project goals.

B. The key elements of the program design for next year. Specifically describe each new service project performed by the members. Describe any major changes in management structure or partner organizations.

Objectives for the next year's project will be 1) develop the knowledge and skills of five AmeriCorps Members within six weeks in order to provide technical assistance necessary to carry out the dry fire hydrants program, 2) complete planning activities for the installation of 35 dry fire hydrants per parish, and 3) plan and install, as appropriate, 35 dry fire hydrants in each receptive parish within the respective area of

responsibility and perform required evaluation. There are no major changes in management structure or partner organizations.

COMMUNITY SERVICE OBJECTIVES

Objective 3

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Louisiana
Dry Fire Hydrant (5 Members - RDT)

COMPONENTS OF OBJECTIVE STATEMENTS: Complete planning activities for the installation of 35 dry fire hydrants per parish.

1. What work will be done? What service activities will your participants engage in?

Participate on parish dry fire hydrant committees, maintain minutes, and assist with applications; meet with parish government, soil & water conservation districts, and local volunteer fire departments to present program guidelines and solicit participation; conduct site location inventories with assistance from local committees; and verify completion of the planning activities by reviewing easements, design, permits storage of materials, etc.

2. What is the hoped for result of the work/activities described above?

Completion of planning activities for the installation of 35 dry fire hydrants per parish.

3. How will you measure the quality of your product or impact of your service?

By successful and timely implementation of the planned activities. All installation locations will be tested by a certified member of the dry fire hydrants committee. The sites will be strategically located as to impact on insurance rates.

4. By what standard will you gauge success?

The willingness of parish governments to actively participate in the program. Also on the successful coordination with parish governments, soil & water conservation districts, and local volunteer fire departments and the establishment of a work plan for installation of dry fire hydrants.

5. How many individuals will receive the benefit of the work your participants perform?

Thousands of rural homeowners, 64 parish governments, 43 soil & water conservation districts, and local volunteer fire departments in all parishes of Louisiana.

COMMUNITY SERVICE OBJECTIVES

Objective 4

GRANTEE: USDA Natural Resources Conservation Service
Dry Fire Hydrants (5 Members - RDT)

SITE: Louisiana

COMPONENTS OF OBJECTIVE STATEMENTS: Plan & install 35 dry fire hydrants in each receptive parish within the respective area of responsibility and perform required evaluation.

1. What work will be done? What service activities will your participants engage in?

Make an accounting of material shipped to central locations; monitor and document (photo) installation; work closely with parish representative to schedule installation; document and solicit volunteers to assist in the installation; coordinate local media coverage; write at least one news article with approval to publish; assist in quality control; and prepare monthly progress reports.

2. What is the hoped for result of the work/activities described above?

The planned installation of 35 dry fire hydrants in each receptive parish within the respective area of responsibility. AmeriCorps Members are responsible for planning the installation of 1,435 dry fire hydrants in 41 parishes.

3. How will you measure the quality of your product or impact of your service?

By each dry fire hydrant inspected and certified. Quality will also be measured by the good working relationships established with parish representatives, quality control inspections, and successful use of community volunteers to complete the tasks to install the dry fire hydrants.

4. By what standard will you gauge success?

Success will be gauged by at least 80% of the 41 parishes participating in the dry fire hydrant program and 100% of the dry fire hydrants installed passing inspection.

5. How many individuals will receive the benefit of the work your participants perform?

Thousands of rural homeowners will benefit by receiving fire protection. Many communities will receive an economic benefit through reduced fire insurance rates.

TITLE PAGE:

A. Title of Project: Louisiana Coastal Wetlands
Environmental Corps

B: Name of Organization: U.S. Department of Agriculture, NRCS

C. Team Type: 9 PL&E/1 RDT

D. State of Duty Station: Louisiana

E. Parrish of Duty Station: LaFourche

F. Names of parrishes served: Cameron, Vermillion, Iberia, St.Mary,
Terrebonne, LaFourche, Jefferson,
Plaquemines, Orleans & St. Bernard

G. Congressional District: 1st, 2d, 3rd, & 7th

H. Name of Site Supervisor: Gary L. Fine

I: Address, phone & fax numbers: Golden Meadow Plant Materials Center
USDA, NRCS
438 Airport Road
Galliano, LA 70354
Ph: (504) 475-5280
FAX: (504) 475-6545

J: Name of St Project Director: Billie Moore

K. Address, phone & fax numbers: 3737 Government St
Alexandria, LA 71302
Ph: (318) 473-7768
FAX: (318) 473-7682

L. Number of Members in PL&E: 9

M. Number of Members in RDT: 1

AmeriCorps Program Application

Title of Project:

Louisiana Coastal Wetlands Environmental Corps

Name of Organization:

USDA, Natural Resources Conservation Service
3737 Government Street
Alexandria, Louisiana 71302

Summary

Education

The socioeconomic environment in southeastern Louisiana does not typically impress upon many of our youth the importance of a sound education. This is especially true in the economically disadvantaged classes, as is the case in most regions. Employment opportunities exist mainly in commercial fisheries, marine fabrication, oil and gas production, services, and farming. Employment is primarily blue collar and service in nature. Programs that will reach out to young people to motivate and demonstrate the advantages of a good education and job skills could enhance socioeconomic attitudes and promote self esteem and individual strengths.

Human Needs

A majority of the people of southern Louisiana are dependent on the coastal areas and marshes for their livelihood. A large number of the inhabitants of this area are commercial fishermen. Young people graduating from high school usually continue the family tradition and go into the family business. Because of the deterioration of Louisiana's coastal marsh area, many of the family businesses are failing. People are leaving the area in search employment. An AmeriCorps program in this area would provide an opportunity for young and old to learn new skills, become part of the solution to the coastal erosion problem, and gain the ability to obtain a college education.

Environment

Environmental issues are of major concern in the coastal area of Louisiana. Louisiana's coastal wetlands are some of the most productive habitats in the world. These wetlands provide a national resource of important economic, ecological, and recreational value. But Louisiana's coastal marshes are disappearing at an alarming rate of 16,000 to 20,000 acres per year. Studies show that if this is not curtailed, the Gulf of Mexico may advance inland as much as 30 miles in the next 50 years¹ transforming productive marsh habitat into open water.

¹ Sherwood Gagliano, *An Environmental-Economic Blueprint for Restoring the Louisiana Coastal Zone: The State Plan*, Report of the Governor's Office of Coastal Activities Science Advisory Panel Workshop, August 1994.

Public Safety

It is estimated that 60 to 70 percent of Louisiana's population lives within 50 miles of the coast. The population of the coastal zone of Louisiana has already been affected by wetland loss. Wetland loss has caused increased vulnerability to storm surges (high tides caused by storm events), coastal flooding, and shoreline erosion. This increased vulnerability results in increased damage to homes and businesses, loss of transportation, and possible loss of life as well as long-term degradation of critical resources, such as water supplies, during storm events.² It is estimated that one mile of marsh will provide one foot of storm surge protection. By working to restore Louisiana's marsh, AmeriCorps members will be working to protect the citizens of coastal Louisiana from damages caused by storm events. AmeriCorps participants will also provide information to the public on the importance of preserving coastal wetlands.

Key Elements of the Site Design

Project objectives will be carried out at the USDA Natural Resources Conservation Service Plant Materials Center (PMC) in Golden Meadow, Louisiana. Vegetative plantings to establish and gather plant performance and adaptation documentation and propagation procedures will be conducted on and off the PMC.

Number of Participants

Ten individuals who desire to gain knowledge and experience relative to. 1) coastal wetland ecosystems and associated plant communities, 2) vegetative solutions for coastal erosion problems, and 3) plant sciences relating to wetland plant identification, propagation, greenhouse operations, and field establishment, management, and data gathering. One participant of the ten will be selected as a rural development corps member and will be assigned the task of group leader.

Administering Organization and Primary Program Partners

The program will be administered by the USDA Natural Resources Conservation Service state conservationist's office in Alexandria,

² Donald F. Boesch, et al., *Scientific Assessment of Coastal Wetland Loss, Restoration and Management in Louisiana*, *Journal of Coastal Research*, Special Issue No. 20, Louisiana State University, Baton Rouge, Louisiana, May 1994, p. 45.

Louisiana. The program plan of work and accomplishments will be directed by the plant materials manager at the USDA Natural Resources Conservation Service Plant Materials Center in Golden Meadow, Louisiana.

Program partners will include: Lafourche Parish schools, LafourcheTerrebonne Soil and Water Conservation District, The Louisiana Land and Exploration Company, Louisiana Department of Natural Resources, Louisiana Cooperative Extension Service, Lafourche and Terrebonne Parish Police Juries, and Louisiana Department of Agriculture and Forestry among others.

Mission and Objectives

Mission Statement

The mission of the Louisiana Coastal Wetlands Environmental Corps is to find vegetative solutions for the restoration, stabilization, and enhancement of Louisiana's coastal wetlands.

Annual Objectives

Objective 1 Recruit ten AmeriCorps participants within six weeks of beginning project. Conduct developmental and technical training within the first four weeks in order to develop skills necessary to assemble and propagate selected plant species addressing coastal erosion and protection. Hold weekly staff meetings with the environmental corps team supervisor to evaluate program objectives.

Objective 2 AmeriCorps participants, with assistance from local high schools and civic organizations, will collect plant species from wild populations and other available sources. Participants will clean, divide, and plant collected plants in plant containers. Participants will maintain and manage plants for optimum growth and health in greenhouses. At this point in the project year the AmeriCorps participants will become skilled in plant propagation and greenhouse operations.

Objective 3 Participants will vegetatively propagate selected plants to establish three cultural and management methods study fields and one conservation plant assembly. Five thousand

containerized plants will be propagated and planted to quarter-acre plots to determine handling and management methods. A measure of success will be plant production technology development that can be used by wetland plant producers. Participants will organize one field day for parish elementary schools and one field day for middle schools to educate and inform students of the importance of coastal wetlands and wetland plants.

Objective 4 Participants will create a sand dune and stabilize blowing sand on Trinity Island, Terrebonne Parish, Louisiana, by establishing 3,000 linear feet of sand fence and planting 7,500 selected plants on two acres of dune. The result of this work will be to create 1,500 linear feet of dune measured by elevation changes and plant survival and performance. A deliverable product will be a standard and specification for barrier island dune creation and stabilization and promotional information that can be used by conservationists, environmental consultants, nurserymen, schools, and the public.

Objective 5 Participants will stabilize the Bayou Lafourche shoreline, Lafourche Parish, Louisiana, and protect it from erosion caused by boat traffic and storms. Participants will propagate and plant selected plants on six miles of shoreline along Bayou Lafourche. Participants will develop plant performance and survival records to measure plant response and success relative to erosion control measures. Participants will organize civic organizations and school groups to plan, plant, and publicize conservation efforts on Bayou Lafourche. Measures of success will be community involvement. Results of the work will be six miles of valuable shoreline protected and enhanced by vegetation. Secondary benefits will be supportive documents to develop vegetative recommendations and information for use by others. Service recipients are innumerable to include parish residents, bayou businesses and users, tourists, Lafourche Parish Fresh Water District, Lafourche Port Authority, and more.

Narrative

A. *Needs to be met and appropriateness for national service.*

Need

Coastal erosion in Louisiana is a problem that significantly affects us all. Louisiana's coastal marshes are disappearing at alarming rates of 16,000 to 20,000 acres per year. It is estimated that by the year 2050 Louisiana will have lost more than one million acres of coastal wetlands.³ Louisiana's coastal wetlands are a natural resource of important economic, ecological, and recreational value. This national treasure deserves our attention, time, and the best stewardship possible.

The USDA Natural Resources Conservation Service Plant Materials Center in Golden Meadow, Louisiana, is charged with a responsibility to find vegetative solutions for coastal erosion, restoration, and protection. Due to a rapidly deteriorating coastal environment, there is a need to accelerate efforts to find suitable conservation plants. Native marsh grasses that have evolved in this dynamic and fragile ecosystem are being studied for their use as conservation plants. Plants that can be used successfully to restore, stabilize, and protect fragile marshes are very important to conserving our coastal wetlands.

The AmeriCorps national service program has common goals that meet a resource need for advancing the plant materials program in Louisiana's coastal area. There is a need to "get things done." Vegetative solutions for coastal erosion problems are needed now. Endemic marsh grasses have proven effective in combating soil erosion. Often suitable plants are removed from native marsh habitats for mitigation and restoration purposes. Unless we can establish and make available proven plant species and adapted ecotypes for marsh restoration, portions of marshes will be damaged or destroyed to create new marsh. The purpose of the Natural Resources Conservation Service Plant Materials Program is to develop tested and proven plants for conservation use. But there are limited resources available to accelerate efforts to find and test needed conservation plants.

The coastal environment and people of south Louisiana are intertwined in a unique relationship. The coastal wetlands provide seafood, work, and even protection from storm surges generated by hurricanes and other storms. Because of wave

action, saltwater intrusion and extreme tidal fluctuation, many areas of Louisiana's shoreline and wetlands are eroding at a critical rate, endangering life and property adjacent to those areas and communities.

AmeriCorps members will help save Louisiana's wetlands and help protect eroding shorelines by vegetatively propagating selected plants that can be transplanted along those critical areas. Five thousand plants will be propagated and planted by the Americorps members, the members will establish three cultural and management study fields as well as produce one improved conservation plant which will be used or planted in those critically eroding areas to combat erosion. In a greenhouse study, the members will also evaluate selected wetland plants to see how much water they can tolerate without dying. This information is critical because it determines where certain plants can be transplanted. Once transplanted, the plants will spread quickly along the critically eroded areas and in the deteriorating wetlands.

The work done by the AmeriCorps members will lead to shoreline protection, wetland conservation and life-giving benefits to hundreds of communities along the Louisiana coast. It has been demonstrated that every mile of coastal wetland between the sea and land can actually reduce a storm surge by one foot! The devastation of hurricanes can be reduced by the plants in the coastal wetlands, but the wetlands must contain healthy plants. The AmeriCorps members will be working to provide those superior plants to help our state and nation.

3 Donald F. Boesch, et al., *Scientific Assessment of Coastal Wetland Loss, Restoration and Management in Louisiana*, *Journal of Coastal Research*, Special Issue No. 20, Louisiana State University, Baton Rouge, Louisiana, May 1994, p. 3.

National Service

Participants in an AmeriCorps environmental corps would gain valuable experience and knowledge of wetland functions and values. Close working relations with NRCS professionals and hands-on experience will provide educational benefits that participants will carry with them throughout their lives. The knowledge gained from working experiences in the plant materials nursery and coastal marshes will foster individual awareness of coastal issues and environmental concerns. These experiences can also foster attributes such as leadership skills, community involvement, educational achievement, job skills, work ethic, and personal motivation and self worth.

B. Design

The program will address plant materials center needs that target special projects designed to accelerate vegetative trials for coastal wetland enhancement and protection. Participants will work closely with NRCS employees and partners to propagate, maintain, and transplant plant materials for conservation field trials. The workload will consist of working in the plant propagation facilities, greenhouses, plant increase fields and study plots on and off the center. Daily tasks may include facility and field maintenance activities that promote and sustain plant materials center operations. We will work with partners throughout the community that have a common interest in saving and protecting our coastal wetlands. Work related experiences will foster educational achievement relative to plant sciences, wetland ecosystems, coastal wetland issues and concerns, and job opportunities.

Project Evaluation Success

Project evaluation and success will be measured by getting plantings on the ground. Project evaluation is documented throughout the year in progress reports. Success of the project will be measured by community involvement and support, publications, news articles, participant motivation, and personal achievements.

Location/Partnerships

Materials Center, Golden Meadow, Louisiana. The program will involve local schools, soil and water conservation districts, and parish and city agencies. Program supervision will be provided by the plant materials center manager. Direct supervision will be provided by a PMC staff member.

Service Activities

Service activities will consist of tasks directed to propagating and establishing plant materials needed to meet program objectives. Daily tasks may include digging or clipping plant materials for propagation and increase, watering, weeding, and greenhouse maintenance. Field activities will include field increase and plot establishment and maintenance. Participants will participate in overall center operations needed to maintain a sanitary and safe working environment. Plant performance and evaluation trials will be established off the center. Participants will assist in gathering plant performance data. Miscellaneous tasks will be assigned as needed to carry out nursery operation. Daily tasks will foster team building, work ethic, educational opportunities, and interpersonal relations.

Training/Placement/Supervision

Participant training and support will be provided by NRCS professionals. In addition to on-the-job training, other training will include first aid and CPR, defensive driving, sexual harassment prevention, leadership skills, and ethics training. Training and safety is essential to Plant Materials Center functions.

Direction will be provided by the PMC manager. Direct guidance will be provided by an assigned PMC staff member. Service participants may be working together or working in small groups addressing different program needs. Organization of participants and PMC staff members is conducted through regular organizational staff meetings. Weekly meetings will address program needs. Time will be used to make work assignments, assign supervision. This is where all participants and staff members can address problems, solutions, and contribute to the success of the program. The program will strive to work with other organizations that will foster civic values and strengthen communities.

COMMUNITY SERVICE OBJECTIVES

Objective 5

GRANTEE: USDA Natural Resources Conservation Service **SITE: :** Louisiana
Louisiana Coastal Wetlands (10 Members - 9 PL&E/1 RDT)
SITE SUPERVISOR: Gary Fine **PHONE:** (504) 475-5280 **PARISH:** LaFourche

COMPONENTS OF OBJECTIVE STATEMENTS: Members will vegetatively propagate selected plants to establish three cultural & management study fields and transplant select plants to critically eroding areas of Louisiana's coastal shoreline and wetlands.

1. What work will be done? What service activities will your participants engage in?

Five thousand containerized plants will be propagated & planted to quarter-acre plots to determine handling & management methods. Once established, selected plants will be transplanted to vegetate critically eroding areas of Louisiana's coastal shoreline and wetlands. Members will recruit volunteers from the local community to assist with conservation plantings. They will organize one field day for parish elementary schools and one field day for middle schools to educate and inform students of the importance of coastal wetlands and wetlands plants.

2. What is the hoped for result of the work/activities described above?

As a result of these activities, members will develop plant production technology that can be used by wetland plant producers. Members will have accomplished plantings in coastal/wetland areas which will lead to shoreline protection, wetland conservation, and enhanced fisheries. The plantings in coastal/wetland areas will also provide increased protection from hurricanes and storm events; thus, increasing safety for all residents of southern Louisiana. Also, by organizing local volunteers to assist with coastal/wetland plantings, AmeriCorps members will be encouraging local ownership of the coastal/wetland erosion problem--the residents will become part of the solution to their local coastal erosion problems.

3. How will you measure the quality of your product or impact of your service?

By successful propagation of five thousand containerized plants & production of a report on plant production technology, completion of at least two successful coastal plantings involving local volunteers, and increased awareness by the local community of the importance of coastal wetlands and wetland plants.

4. By what standard will you gauge success?

Successful development of Member leadership skills, job skills, personal motivation, and community involvement. 90 percent of all containerized plants will survive and produce a viable plant source. Coastal wetland plantings will have a 90% survival rate.

5. How many individuals will receive the benefit of the work your participants perform?

The work done by the members will lead to shoreline protection, wetland conservation, increased safety from storm events (one mile of vegetated coastal marsh will decrease tidal surge by at least one foot), and economic benefits (vegetation enhances wildlife, therefore, benefiting fishermen and trappers) to hundreds of communities along the Louisiana coast. Many individuals, vendors, private landowners, companies, and local, parish, State, and Federal governments will benefit from the technology & improved vegetative species.

COMMUNITY SERVICE OBJECTIVES

Objective 6

GRANTEE: USDA Natural Resources Conservation Service SITE: : Louisiana
Louisiana Coastal Wetlands (10 Members - 9 PL&E/1 RDT)
SITE SUPERVISOR: Gary Fine PHONE: (504) 475-5280 PARISH: LaFourche

COMPONENTS OF OBJECTIVE STATEMENTS: Will stabilize the Bayou Lafourche shoreline, Lafourche parish and protect it from erosion caused by boat traffic and storms.

1. What work will be done? What service activities will your participants engage in?

Will propagate & plant selected plants on six miles of shoreline along Bayou Lafourche. Members will develop plant performance and survival records to measure plant response & success relative to erosion control measures. Members will organize civic organizations & school groups to plan, plant, and publicize conservation efforts on Bayou Lafourche.

2. What is the hoped for result of the work/activities described above?

Will be six miles of valuable shoreline protected and enhanced by vegetation. Secondary benefits will be supportive documents to develop vegetative recommendations information for use by others.

3. How will you measure the quality of your product or impact of your service?

By the ability of Members to organize, plan, plant, and publicize their efforts.

4. By what standard will you gauge success?

On successful completion of vegetative plantings and the scope of community involvement in this project. 90 percent of the plants will survive, ultimately stabilizing six miles of shoreline.

5. How many individuals will receive the benefit of the work your participants perform?

Thousands of parish residents, bayou businesses and users, tourists, Lafourche Parish Fresh Water District, Lafourche Port Authority, and more will benefit from this project.

COMMUNITY SERVICE OBJECTIVES

Objective 7

GRANTEE: USDA Natural Resources Conservation Service **SITE: :** Louisiana
Louisiana Coastal Wetlands (10 Members - 9 PL&E/1 RDT)
SITE SUPERVISOR: Gary Fine **PHONE:** (504) 475-5280 **PARISH:** LaFourche

COMPONENTS OF OBJECTIVE STATEMENTS: Will create a sand dune and stabilize blowing sand on Trinity Island, Terrebonne Parish, Louisiana.

1. What work will be done? What service activities will your participants engage in?

Will create a sand dune & stabilize blowing sand on Trinity Island, Terrebonne parish, Louisiana, by establishing 3,000 linear feet of sand fence and planting 7,500 selected plants on two acres of dune.

2. What is the hoped for result of the work/activities described above?

Will be to create 1,500 linear feet of dune measured by elevation changes & plant survival & performance.

3. How will you measure the quality of your product or impact of your service?

By development of a standard & specification for barrier island dune creation to be used to further coastal restoration.

4. By what standard will you gauge success?

On successful creation of a sand dune, stabilization of blowing sand on Trinity Island, & development of a standard & specification for barrier island dune creation that can be used by conservationists, environmental consultants, nurserymen, schools, and the public.

5. How many individuals will receive the benefit of the work your participants perform?

Thousands of residents in the gulf coast region will benefit through the technology derived to restore, enhance, and protect barrier islands.

TITLE PAGE:

A) Title of Project: Water Water/Forestry Education

B) Name of Organization: Natural Resources Conservation
Service

C) Team Type (PL&E or RDT, or Combined): Rural Development

D) State of Duty Station of AmeriCorps Members: Maine

E) County of Duty station of AmeriCorps Members: Washington

F) Names of counties served by Members (up to 15 counties):
Washington, Hancock

G) Congressional District of duty station of the Members: 2

H) Name of site supervisor (at the local or county level):

Dana Nelson

I) Address, phone number, and fax number of site supervisor:

Down East RC&D, P.O. Box 210 Cherryfield, Me; 207-546-2368;
fax 207-546-2369

J) Name of state project manager: Richard Baird

K) Address, phone number, and fax number of state project

manager: NRCS, 5 Godfrey Dr., Orono, Me 04473; 207-866-
7241; fax 207-866-7262

L) Number of Members in Public Lands and Environment Teams: 0

M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

- A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: New project with one member being refocused from the Marine Education Center project.
- B) Key elements of next years program and major changes in management structure or partner organizations: Coordinate two forestry field days and tours demonstrating the multiple use benefits of timber production and best management practices for water quality, coordinate a community forestry education program, provide forestry training to area high schools Envirothon teams, assist the RC&D Forestry with workshops and tours for area forest landowners, assist with the production and stocking of 100,000 Atlantic Salmon Fry, assist with implementation of a pilot to stock American Shad in the Pleasant River.

COMMUNITY SERVICE OBJECTIVES
Objective 1

GRANTEE: USDA Natural Resources Conservation Service
Cherryfield, ME

SITE:

Water Quality/Forestry Education (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Enhance water quality & quantity through coordination of the various groups in the area.

1. What work will be done? What service activities will your participants engage in?

Provide support for 2 forestry field days & tours; establish local coordination of state educational programs; coordinate forestry educational program; provide forestry coaching needs of Envirothon teacher/coaches; and coordinate the information & education activities of RC&D Forestry Committees.

2. What is the hoped for result of the work/activities described above?

A Coordinated educational approach emphasizing water quality and the multiple benefits of sustainable forest resources will develop greater support for implementation of multiple use Best Management Practices.

3. How will you measure the quality of your product or impact of your service?

Teachers, workshop attendees, students & program directors will be asked to critique the effectiveness of our services.

4. By what standard will you gauge success?

Test score comparisons should show a 5% increase because of increased student interest. 50% increase in attractance at community workshops.

5. How many individuals will receive the benefit of the work your participants perform?

50 teachers & 400 students in the district will become more involved in environmental issues. Indirectly, loggers, wildlife enthusiasts and forest land owners will benefit.

TITLE PAGE:

- A) Title of Project: Cranberry Water Quality
- B) Name of Organization: Natural Resources Conservation Service
- C) Team Type (PL&E or RDT, or Combined): Rural Development
- D) State of Duty Station of AmeriCorps Members: Maine
- E) County of Duty station of AmeriCorps Members: Washington
- F) Names of counties served by Members (up to 15 counties):
Washington, Hancock
- G) Congressional District of duty station of the Members: 2
- H) Name of site supervisor (at the local or county level):
Dana Nelson
- I) Address, phone number, and fax number of site supervisor:
Down East RC&D, P.O. Box 210, Cherryfield, Me 04622; 207-546-2368; fax 207-546-2369
- J) Name of state project manager: Richard Baird
- K) Address, phone number, and fax number of state project manager: NRCS, 5 Godfrey Dr., Orono, Me 04473; 207-866-7241; fax 207-866-7262
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

. SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Worked with growers to begin development of a Cranberry Integrated Pest Management grower assistance program. Began development of a Cranberry research bed, prepared a Cranberry water quality display for the Maine Ag Trade Show, attended the Massachusetts Cranberry School, worked with Dr. David Yarborough of the University of Maine to begin development of a Cranberry Production video library.

B) Key elements of next years program and major changes in management structure or partner organizations: Continue to develop and improve the Cranberry Integrated Pest management program, establish an IPM scouting program for cranberry producers, continue to support the development of the cranberry upland research and demonstration site, implement a cranberry soil nitrate and phosphorous monitoring program to assist growers, continue to improve the cranberry resource library, assist growers association with educational workshops in the area. No major changes in management structure or partner organizations.

COMMUNITY SERVICE OBJECTIVES
Objective 3

GRANTEE: USDA Natural Resources Conservation Service
Cherryfield, ME

SITE:

Cranberry Water Quality (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Complete development & implementation of Best Management Practices for cranberry production to protect water quality & enhance potential for economic growth.

1. What work will be done? What service activities will your participants engage in?

Refine & implement the cranberry integrated pest management (IPM) program; sponsor & coordinate workshops; establish an IPM scouting program; promote implementation of BMP's.

2. What is the hoped for result of the work/activities described above?

Development of cranberry agriculture; enhanced appreciation for the environmental & economic benefits of BMP's; sustained water quality preservation.

3. How will you measure the quality of your product or impact of your service?

The percentage of growers involved in the IPM program & BMP training and implementation; percentage of developing growers using the BMP time line for developing plantations; water quality monitoring results.

4. By what standard will you gauge success?

20% increase in the number of growers successfully implementing best management practices training; 50% of new plantations being established following the BMP time line for developing plantations.

5. How many individuals will receive the benefit of the work your participants perform?

Every cranberry grower & individual considering cranberry production in the area; each citizen of communities where cranberry production is taking place.

TITLE PAGE:

- A) Title of Project: Camp Road Water Quality
- B) Name of Organization: Natural Resources Conservation Service
- C) Team Type (PL&E or RDT, or Combined): Rural Development
- D) State of Duty Station of AmeriCorps Members: Maine
- E) County of Duty station of AmeriCorps Members: Kennebec
- F) Names of counties served by Members (up to 15 counties):
Kennebec
- G) Congressional District of duty station of the Members: 1
- H) Name of site supervisor (at the local or county level):
Mitchell Michaud
- I) Address, phone number, and fax number of site supervisor:
NRCS, Federal Building and Post Office, Western Avenue,
Augusta, Maine 04330; 207-622-8289; fax 207-622-8221
- J) Name of state project manager: Richard Baird
- K) Address, phone number, and fax number of state project manager: NRCS, 5 Godfrey Dr , Orono, Me 04473; 207-866-7241; fax 207-866-7262
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Identified two areas of concern for water quality from monitoring efforts in Merrymeeting Bay, trained 14 volunteers on water quality monitoring procedures, 129 ichthyoplankton samples sorted from striped bass spawning grounds in Merrymeeting Bay tributaries to help improve management. Project terminated when member took a permanent job.

B) Key elements of next years program and major changes in management structure or partner organizations: Refocused to a new project. Member will provide technical assistance on erosion control best management practices to camp owners who are experiencing erosion problems on roads around area lakes, conduct two workshops for landowner on road management, conduct two comprehensive seminars for landowner and contractors on instillation of erosion control best management practices, assist the organization of camp owner associations to oversee the long term care and maintenance of camp roads.

Day to day operation of project will be supervised by an NRCS employee. Partner organization will change from the Maine Department of Marine Resources to the Kennebec Soil Conservation District.

COMMUNITY SERVICE OBJECTIVES
Objective 5

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Augusta,

Camp Road Water Quality Coordinator (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: To reduce siltation & phosphorus load in Lakes.

1. What work will be done? What service activities will your participants engage in?

Give technical assistance to landowners, develop long & short term maintenance plans, properly sizing of culvert & ditch placements; establishment of road surface crowns; establishment of vegetation & use of forested buffers; work with landowners on road building & maintenance.

2. What is the hoped for result of the work/activities described above?

100 landowners on 25 different camp/fire roads contacted; 5 improvement projects begun; and a reduction of phosphorous loading from private roads.

. How will you measure the quality of your product or impact of your service?

Decreased maintenance needed on private roads; decreased amounts of sediments leaving travel corridors; decreased maintenance cost of treated roads; and future implementation of developed plans. NRCS Technical Field Guides & Camp Road Maintenance Manual; number of landowners contacted, and number and length of roads planned & improved.

4. By what standard will you gauge success?

Will achieve 5% decrease in needed road maintenance and 5% decrease in sediments from roads during first year with continuing implementation of treatment plans which have been developed.

5. How many individuals will receive the benefit of the work your participants perform?

As estimated 2500 live on the 25 roads to be improved; and estimated 45,000 residents live on waterfronts either seasonally or annually.

TITLE PAGE:

- A) Title of Project: MACD Education
- B) Name of Organization: Natural Resources Conservation Service
- C) Team Type (PL&E or RDT, or Combined): Rural Development
- D) State of Duty Station of AmeriCorps Members: Maine
- E) County of Duty station of AmeriCorps Members: Franklin
- F) Names of counties served by Members (up to 15 counties):
York, Cumberland, Oxford, Franklin, Androscoggin, Knox,
Lincoln, Kennebec, Somerset, Penobscot, Piscataquis, Waldo,
Hancock, Washington, Aroostook
- G) Congressional District of duty station of the Members: 2
- H) Name of site supervisor (at the local or county level):
William Bell
- I) Address, phone number, and fax number of site supervisor:
MACD, P.O. Box 228, Augusta, Me 04330; 207-622-4443;
- J) Name of state project manager: Richard Baird
- K) Address, phone number, and fax number of state project
manager: NRCS, 5 Godfrey Dr., Orono, Me 04473; 207-866-
7241; fax 207-866-7262
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Assembled a packet of educational materials for use by districts with schools statewide, packet distributed to all sixteen districts in Maine, nearly completed arrangements for state Envirothon, completed preliminary plans for the Natural Resources Institute, flyers have been mailed to most schools in the state inviting teachers to participate in the NRI program, worked with all sixteen districts for scholarships for teachers to NRI.

Personal development has come from the experience of working with many units of federal, state and local government and private organizations. This experience has built members confidence in ability to work with and relate to many different people and organizations. Also understanding and knowledge of natural resources and methods of caring for natural resources has been enhanced.

B) Key elements of next years program and major changes in management structure or partner organizations: Provide materials and assistance to help each of the sixteen districts develop stronger education programs, conduct eight workshops in the state for teachers on water quality education methods, prepare and distribute to districts a packet of background materials to help them conduct their annual poster contest, arrange for judging of the state poster contest, plan and coordinate the Natural Resources Institute, provide support to the MACD Education Committee, organize and coordinate the state Envirothon, assist with the organization and coordination of Open Farm Days.

COMMUNITY SERVICE OBJECTIVES
Objective 7

GRANTEE: USDA Natural Resources Conservation Service
Farmington, Maine

SITE:

MACD Conservation Education Coordinator (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Assist with the Natural Resources Institute (NRI) Program.

1. What work will be done? What service activities will your participants engage in?

Assist in coordination & planning of the NRI program; assemble & distribute promotional materials; coordinate arrangements for teachers to be exposed to professionals in resource management so they will know what resources are effective and available for teaching.

2. What is the hoped for result of the work/activities described above?

A successful NRI program.

3. How will you measure the quality of your product or impact of your service?

Increased participation of teachers at the NRI and increased adaptation of natural resource knowledge & information in classrooms & activities statewide.

4. By what standard will you gauge success?

By increasing & sustaining teacher participation at the NRI.

5. How many individuals will receive the benefit of the work your participants perform?

25 teachers with 20 students each.

TITLE PAGE:

- A) Title of Project: St. Croix Watershed
- B) Name of Organization: Natural Resources Conservation Service
- C) Team Type (PL&E or RDT, or Combined): Rural Development
- D) State of Duty Station of AmeriCorps Members: Maine
- E) County of Duty station of AmeriCorps Members: Washington
- F) Names of counties served by Members (up to 15 counties):
Washington
- G) Congressional District of duty station of the Members: 2
- H) Name of site supervisor (at the local or county level):
David Garcelon
- I) Address, phone number, and fax number of site supervisor:
NRCS, P.O. Box 121 Machias, Me 04654; 207-255-3995;
fax 207-255-6817
- J) Name of state project manager: Richard Baird
- K) Address, phone number, and fax number of state project manager: NRCS, 5 Godfrey Dr. Orono, Me 04473; 207-866-7241; fax 207-866-7262
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Organized and conducted three forest erosion control workshops, assisted the St Croix International Waterway Commission with resource inventory and data collection, completed 50% of work needed for a watershed water quality classroom curriculum, assisting with organization of Downeast Regional Environthon.

Member has learned productive and positive forms of communication, gained confidence in her professional abilities, especially writing and speaking, learned to accept things she cannot change and learned to adjust to complicated processes and still remain positive.

The Maine Blueberry Commission has been added as a partner organization.

B) Key elements of next years program and major changes in management structure or partner organizations: Assist the Dept. of Marine Resources with an improved water quality sampling network, assist the St. Croix International Waterway Commission land use inventories, work to organize volunteer water quality monitoring groups, complete a watershed curricula for schools in the St Croix River Watershed and assist teachers with use in classrooms, organize and coordinate an education program for teachers at the Greenland Point Center.

COMMUNITY SERVICE OBJECTIVES
Objective 9

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Machias,

St. Croix Watershed Coordinator (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Assist communities & organizations within the watershed with water quality improvement programs.

1. What work will be done? What service activities will your participants engage in?

Train three water quality sampling groups to improve their skills, complete 2 shoreline surveys in estuary and recruit volunteers to establish several river watch groups for the St. Croix River.

2. What is the hoped for result of the work/activities described above?

Identification of point & non-point sources of pollution, development of land use & resource data for land use management, and facilitation of resource data sharing between groups.

3. How will you measure the quality of your product or impact of your service?

More data from increased samples and more accurate data available to towns.

4. By what standard will you gauge success?

Reopening of 10 acres of shellfish beds to harvesting.

5. How many individuals will receive the benefit of the work your participants perform?

Population of 10,000.

COMMUNITY SERVICE OBJECTIVES
Objective 10

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Machias,

St. Croix Watershed Coordinator (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Provide community schools with site specific curriculum & outreach assistance through the Greenland Point Education Facility.

1. What work will be done? What service activities will your participants engage in?

Design & implement original watershed curricula, provide assistance to 6 teachers in implementing watershed curricula; facilitate on-site education; assist 2 teachers in Indian schools with implementation of watershed curriculum.

2. What is the hoped for result of the work/activities described above?

Increased understanding of local water quality needs and environmental issues in areas public schools.

3. How will you measure the quality of your product or impact of your service?

Adoption of watershed curriculum by teachers and use on a continuing basis.

4. By what standard will you gauge success?

Use of watershed curriculum by 20 teachers will increase the understanding of over 500 students of water quality and its impact in their lives and will improve water quality in the watershed.

5. How many individuals will receive the benefit of the work your participants perform?

Population of 10,000.

TITLE PAGE:

A) Title of Project: Blueberry/Watersheds

B) Name of Organization: NRCS

C) Team Type (PL&E or RDT, or Combined): Rural Development

D) State of Duty Station of AmeriCorps Members: Maine

E) County of Duty station of AmeriCorps Members: Washington

F) Names of counties served by Members (up to 15 counties):

Washington, Hancock

G) Congressional District of duty station of the Members:

H) Name of site supervisor (at the local or county level):

David Garcelon

I) Address, phone number, and fax number of site supervisor:

NRCS, P.O. Box 121, Machais, Me 04654; 207-255-3995;

fax 207-255-6817

J) Name of state project manager: Richard Baird

K) Address, phone number, and fax number of state project

manager: NRCS, 5 Godfrey Dr., Orono, Me 04473; 207-866-

7241; fax 207-866-7262

L) Number of Members in Public Lands and Environment Teams: 0

M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Organized and conducted a series of Blueberry Best Management Practice workshops, began a joint newsletter with the Beals Island AmeriCorps group on environmental awareness and water quality for schools produced by students, working with Department of Marine Resources and local towns on grants for individuals to correct faulty septic systems, assisted the Department of Marine Resources with the establishment of 15 new water quality monitoring sites, assisted the Washington County Soil Conservation District with the expansion of their Integrated Crop Management program for lowbush blueberries.

B) Key elements of next years program and major changes in management structure or partner organizations: Work with the Departments of Environmental Protection and Marine Resources to identify shellfish areas with potential for restoration to production, assist three towns to apply for funding to assist citizens to correct septic system problems, work with towns and area shellfish committees to develop improved management plans for shellfish areas, organize and coordinate two shellfish management forums, plan and coordinate with the University Of Maine Extension

Service and the Blueberry Commission several workshops on the ecology of blueberries and the use of best management practices, assist organic blueberry growers with the production of a newsletter on organic blueberry production, continue support to the water quality newsletter produced by high school students, continue to assist with the organization and completion of the Downeast Regional

Envirothon.

COMMUNITY SERVICE OBJECTIVES
Objective 13

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Machias,

Blueberry/Watersheds Coordinator (1 Member - RDT

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Prepare analysis of clam industry in Downeast & southern Maine, identify steps for remediation & implement programs.

1. What work will be done? What service activities will your participants engage in?

Work with five towns to provide technical assistance for restructuring, restructure management plans & develop stronger ties with govt agencies, plan & implement educational outreach programs, including 2 forums, 4 town meetings, 2 mgmt education seminars & various public relations efforts.

2. What is the hoped for result of the work/activities described above?

Assist in rejuvenating the once healthy clam industry, change the negative public perception of the clam industry by helping communities make changes that will result in 3 clam flats being reopened to harvesting.

3. How will you measure the quality of your product or impact of your service?

Increased interest by public concerning health of clam flats and mgmt measures adopted by shellfish committees that will strengthen that area clam habitat.

4. By what standard will you gauge success?

Comparison with southern Maine clam industry at similar phase of recovery and broader public understanding of importance of water quality.

5. How many individuals will receive the benefit of the work your participants perform?

Watersheds population of 5,000.

COMMUNITY SERVICE OBJECTIVES
Objective 14

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Machias,

Blueberry/Watersheds Coordinator (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Plan & implement educational efforts targeting blueberry

industry, focusing on chemical use and Best Management Practices.

1. What work will be done? What service activities will your participants engage in?

Identify & address educational needs of lowbush berry growers.

2. What is the hoped for result of the work/activities described above?

Growers will become more aware of BMP's and ecological methods of blueberry mgmt and water quality will benefit through more ecological methods of management.

3. How will you measure the quality of your product or impact of your service?

Growers will show satisfaction with the educational program by applying Best Management Practices with at least fifteen growers utilizing available technical assistance to apply Best Management Practices.

4. By what standard will you gauge success?

Improved understanding of BMP's by blueberry industry and improved water quality in watersheds.

5. How many individuals will receive the benefit of the work your participants perform?

Approximately 600 low bush blueberry growers and regional watershed population of 5,000.

TITLE PAGE:

- A) Title of Project: Damariscotta River Watershed
- B) Name of Organization: Natural Resources Conservation Service
- C) Team Type (PL&E or RDT, or Combined): Rural Development
- D) State of Duty Station of AmeriCorps Members: Maine
- E) County of Duty station of AmeriCorps Members: Knox
- F) Names of counties served by Members (up to 15 counties):
Knox, Lincoln
- G) Congressional District of duty station of the Members: 1
- H) Name of site supervisor (at the local or county level):
Mary Thompson
- I) Address, phone number, and fax number of site supervisor:
NRCS, 191 Camden Road, Warren Me. 04864; 207-273-2005;
fax 207-273-2228
- J) Name of state project manager: Richard Baird
- K) Address, phone number, and fax number of state project manager: NRCS, 5 Godfrey Dr., Orono, Me 04473; 207-866-7241; fax 207-866-7262
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Completed a shore survey of Merrymeeting Bay Cove and Beals Island, initiated water quality sampling programs for shellfish areas in Waldoboro and Islesboro, worked with shellfish committees and selectmen in Wiscasset and Harrington to begin developing regional shellfish management plans, began a water quality sampling program in the west branch of the Medomak River, worked with five high schools to begin forming community volunteer water quality monitoring programs.

B) Key elements of next years program and major changes in management structure or partner organizations: This is a new program adjusting one position from the Midcoast Fisheries program of 1995. Establish the Tidewater area Watch water Quality monitoring program, produce three water quality reports for the Tidewater area, utilize water quality reports to open clam flats to production, measure the success of the Tidewater Watch volunteer group for consistency and quality, work with the science departments of Boothbay high school, Lincoln Academy and middle and elementary schools in the watershed to encourage the use of water quality curriculum in classwork, give 10 presentations to community groups on water quality. This project is being moved from a partnership with the Lincoln County Extension Committee to partnership with the Knox-Lincoln Soil and Water Conservation District and to the daily supervision of an NRCS person.

TITLE PAGE:

- A) Title of Project: Environmental Education Circuit Rider
- B) Name of Organization: Natural Resources Conservation Service
- C) Team Type (PL&E or RDT, or Combined): Rural Development
- D) State of Duty Station of AmeriCorps Members: Maine
- E) County of Duty station of AmeriCorps Members: Cumberland
- F) Names of counties served by Members (up to 15 counties):
Cumberland
- G) Congressional District of duty station of the Members:
- H) Name of site supervisor (at the local or county level):
Wayne Munroe
- I) Address, phone number, and fax number of site supervisor:
381A Main Street, Gorham, Me 04038; 207-839-7842;
fax 207-839-7834
- J) Name of state project manager: Richard Baird
- K) Address, phone number, and fax number of state project manager: NRCS, 5 Godfrey Dr., Orono, Me 04473; 207-866-7241; fax 207-866-7262
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Visited eighteen high schools to promote Envirothon, developed four adopt-a-stream programs with different groups, contacted forty four elementary schools to deliver water quality information packets, four classroom presentations to students, worked with the Jordan Acres middle school to develop plans for an outdoor classroom involving 400 students and 20 teachers, organized the scheduled Capisic Brook clean-up, developed a county wide environmental education curricula.

Member has attended training and gained experience which has enhanced her communication skills, ability to work with diverse groups of people and make public presentations.

B) Key elements of next years program and major changes in management structure or partner organizations: Continue to support four Adopt-A-Stream projects, train teachers and students in the use of water quality equipment, conduct teacher workshops on non point source pollution, assist students with implementation of best management practices on streams, make 20 presentations to classes on water quality and the environment, work with teachers in two schools to help them adopt environmental curriculum, work with high schools in Cumberland County to promote participation in the Envirothon.

COMMUNITY SERVICE OBJECTIVES
Objective 22

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Gorham,

Environmental Education Circuit Rider (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Encourage environmental competency in our students & teachers

through county wide interactive
classroom presentations.

1. What work will be done? What service activities will your participants engage in?

Deliver county wide interactive presentations to community schools on water, soils, forestry, wildlife, salt water ecosystems, and human impact on these systems. Distribute environmental education materials to teachers.

2. What is the hoped for result of the work/activities described above?
For schools to begin to include environmental education's an integral part of their curriculum. to encourage environmental literacy in our students & teachers.

3. How will you measure the quality of your product or impact of your service?

Evaluations of the presentations will be completed by teachers and students.

4. By what standard will you gauge success?

50% of participating students will significantly increase knowledge and understanding of the ways in which human behaviors effect the environment.

5. How many individuals will receive the benefit of the work your participants perform?

500 students and 20 teachers.

COMMUNITY SERVICE OBJECTIVES
Objective 23

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Gorham,

Environmental Education Circuit Rider (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Enable & encourage teachers to regularly use the outdoors in

their curricula, build an outdoor classroom, & develop a school-wide environmental education curriculum.

1. What work will be done? What service activities will your participants engage in?

Work with teachers, within two schools, to develop a school-wide environmental education curriculum. Will devote one day a week to each school to teach outdoor classes, will coordinate community involvement to develop an outdoor education learning center.

. What is the hoped for result of the work/activities described above?
eachers will use the outdoors regularly in their teaching. Schools participating will adopt an environmental education curricula. Students will develop an environmental awareness which considers human behavioral impact on the environmental.

3. How will you measure the quality of your product or impact of your service?

Before & after pictures of the outdoor learning center, pre-program skill levels of the students will be determined, assessment of the schools involvement with environmental education curriculum.

4. By what standard will you gauge success?

Documented adoption of environmental curriculum. 75% of participating students will increase their knowledge & understanding of the ways in which human behavior effects the environment.

5. How many individuals will receive the benefit of the work your participants perform?

1,500 students & 60 teachers.

A) Title of Project: Casco Bay Watershed I

B) Name of Organization: Natural Resources Conservation Service

C) Team Type (PL&E or RDT, or Combined): Rural Development

D) State of Duty Station of AmeriCorps Members: Maine

E) County of Duty station of AmeriCorps Members: Cumberland

F) Names of counties served by Members (up to 15 counties):
Cumberland

G) Congressional District of duty station of the Members: 1

H) Name of site supervisor (at the local or county level):
Wayne Munroe

I) Address, phone number, and fax number of site supervisor:
381A Main Street, Gorham, Me 04038; 207-839-7842;
fax 207-839-7834

J) Name of state project manager: Richard Baird

K) Address, phone number, and fax number of state project manager: NRCS, 5 Godfrey Dr., Orono, Me 04473; 207-866-7241; fax 207-866-7262

L) Number of Members in Public Lands and Environment Teams: 0

M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Edited and published the Casco Bay Watershed Land Use Inventory, assisted with organization of four adopt-a-stream programs, assisting with land use inventory of the Royal River watershed, assisted the education coordinator with distributing Clean Water packets to seventy eight schools and with classroom visits to five schools, obtained and organized water quality photos for use in displays, developed a directory of water quality monitoring groups in Cumberland County.

Members attended 21 different training sessions and workshops, which along with field experience, have helped enhance their ability to deal with individuals and groups and enhance their self confidence in their ability to get things done.

B) Key elements of next years program and major changes in management structure or partner organizations: Work with small sub-watersheds to organize Community based resource protection groups, expand the number of organized adopt-a-stream groups in Casco Bay Watershed, continue to distribute Environmental Water Quality information packets to groups in the watershed, work with community groups to develop water quality treatment plans for two streams with adopt-a-stream activities, work with individual and group volunteers to improve the skills of volunteers in water quality monitoring, organize and coordinate a water quality demonstration tour for 100-150 community leaders, assist with the development and implementation of water quality plans on ten individual farms. Project will separate team of two working in several sub-watershed of the Bay to each work in an assigned sub-watershed.

COMMUNITY SERVICE OBJECTIVES
Objective 24

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Gorham,

Casco Bay Watershed Coordinator I (1 Member - RDT

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Utilize existing critical nonpoint source landuse inventory

data & resource tools to locate threatened or impaired riparian zone habitat areas.

1. What work will be done? What service activities will your participants engage in?

Locate sub-watersheds with impaired water quality, develop treatment plans for 2 streams, complete inventories, mapping, and coordination.

2. What is the hoped for result of the work/activities described above?

The threatened & previously impaired habitat will be improved to sustain a more diverse ecosystem and conserve natural resources while protecting the water quality of adjacent waters.

3. How will you measure the quality of your product or impact of your service?

By the number of conservation practices implemented; the State of Maine Water Quality Classification standards will be used as guidelines to track improved water quality classification standards.

4. By what standard will you gauge success?

Twenty five farmers will each implement at least one conservation practice to improve natural habitat and resulting increase of stream water quality.

5. How many individuals will receive the benefit of the work your participants perform?

100 individuals, 30 community officials and 50 members of volunteer groups.

COMMUNITY SERVICE OBJECTIVES
Objective 26

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Gorham,

Casco Bay Watershed Coordinator I (1 Member - RDT

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Deliver technical assistance to 44 communities & 100 individuals, landowners, 15 agencies & groups, in order to apply conservation practices & improve water quality of threatened receiving waters.

1. What work will be done? What service activities will your participants engage in?

Technical conservation treatment assistance will be delivered to landowners, volunteer groups & partners throughout the area. Conservation practices will be constructed on t ground. Individuals & groups will be trained.

2. What is the hoped for result of the work/activities described above?

ndividuals & groups will have a higher skill level & understanding of onservation treatment solutions and practices in order to protect the environment and achieve better water quality protection.

3. How will you measure the quality of your product or impact of your service?

NRCS Technical standards & specifications for conservation practices.
National Conservation Planning Handbook.

4. By what standard will you gauge success?

By having 30 individuals, agencies and groups who will apply one or more conservation practices follow NRCS technical practice standards and specifications.

5. How many individuals will receive the benefit of the work your participants perform?

100 individuals, landowners, and 15 agencies and groups.

TITLE PAGE:

- A) Title of Project: Caribou Trails
- B) Name of Organization: Natural Resources Conservation Service
- C) Team Type (PL&E or RDT, or Combined): Rural Development
- D) State of Duty Station of AmeriCorps Members: Maine
- E) County of Duty station of AmeriCorps Members: Aroostook
- F) Names of counties served by Members (up to 15 counties):
Aroostook
- G) Congressional District of duty station of the Members: 2
- H) Name of site supervisor (at the local or county level):
John Badger
- I) Address, phone number, and fax number of site supervisor:
St. John-Aroostook RC&D, 55 North Street, Presque Isle, Me
04769; 207-764-4126; fax 207-764-4126 (call before sending)
- J) Name of state project manager: Richard Baird
- K) Address, phone number, and fax number of state project
manager: NRCS, 5 Godfrey Dr., Orono, Me 04471; 207-866-
7241; fax 207-866-7262
- L) Number of Members in Public Lands and Environment Teams: 0
- M) Number of Members in Rural Development Teams: 20

SUMMARY PAGE-on one page provide and overview of:

A) Achievements during first half year in meeting the community service objectives and boosting personal development of members: Inspected complete trail system and assessed the need for water quality best management practice application, met with all groups actively involved in trail system maintenance and development, supervised crews in the completion of a new trail section and needed maintenance of selected trail sections, developed a workplan for the new section of trail from Caribou to Van Buren including water quality best management practice installation, worked with the Department of Environmental Protection for all permits needed for this section of trail, assisted with a snowmobile safety course, met with many trail use clubs and town officials to make presentations on trail management. Member has increased skills in surveying, engineering, construction and leading groups as a supervisor, also has gained a lot of experience in making public presentations

B) Key elements of next years program and major changes in management structure or partner organizations: Organize and coordinate workshops on Proper Trail Usage, Trail Safety, Environmentally Friendly Trail activities, work with local resource groups to identify important flora and fauna along trails, develop signs displaying history of trails, organize and coordinate five environmental clean-up days on trails, obtain resource to place trash receptacle at all trailheads.

COMMUNITY SERVICE OBJECTIVES
Objective 34

GRANTEE: USDA Natural Resources Conservation Service
Maine

SITE: Caribou,

Caribou Trails Coordinator (1 Member - RDT)

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Create & implement environmental education projects in No.

Aroostook County. Build historic reference landmarks along multiuse trails.

1. What work will be done? What service activities will your participants engage in?

Sponsor workshops, develop a minimum of 2 interpretive sites and 2 signs to display the history of the AVR & B&A trails, locate old water tower sites & sidings & address water quality problems.

2. What is the hoped for result of the work/activities described above?

The general public will learn the proper way to utilize trails thus lessening the impact to water quality. Additionally, the public will learn the history of the trails & become more aware of their environment and the ecosystems of local wildlife.

3. How will you measure the quality of your product or impact of your service?

Amount of participation from the public will tell us how well received the programs are. Written evaluations & oral feedback from participants are also helpful in determining if the project was informative or not.

4. By what standard will you gauge success?

Workshop attendance, reaction to workshop content, amount of data collection, amount of collaboration between identified agencies.

5. How many individuals will receive the benefit of the work your participants perform?

8,000 people