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UNITED
STATES
DEPARTMENT
OF AGRICULTURE

AMERICORPS/USDA

APPROVED OPERATING SITE OBJECTIVES

1995 - 1996 PROGRAM YEAR

MAINE



August 29, 1995

SUBJECT: Approval for AmeriCorps Members for FY 96
THRU: Ann Carey, Director, CARD *Ann E Carey*
TO: David L. Mussulman, State Conservationist, NRCS,
Maine

This letter is to serve as your formal notification of approval for recruitment of members to serve in the AmeriCorps Program for FY 96. You are approved for the below listed projects with positions as indicated:

Project	Positions		TYPE
	FT	PT	
Cranberry Water Quality Coordinator	1		RDT
Camp Road Water Quality Coordinator	1		RDT
Water Quality/Forestry Education	1		RDT
St. Croix Watershed Coordinator	1		RDT
MACD Education Coordinator	1		RDT
Blueberry Watersheds Coordinator	1		RDT
Water Quality/Rural Development	1		RDT
Darmariscotta River Watershed	1		RDT
Environmental Education Circuit Rider	1		RDT
Casco Bay Watershed I & II	2		RDT
Fisheries Water Quality I & II	2		RDT
Fish River Lakes Water Quality	1		RDT
Caribou Trails	1		RDT
Salmonid	1		RDT
Marine Education Center	4		RDT
Total:	20		

Attached are the objectives that have been agreed to between the State of Maine, the USDA Office of National Service, and the Cooperation for National and Community Service. These objectives serve as your contract and commitment for what you plan to accomplish during fiscal year 96. If you are not in agreement with the objectives as attached, you need to contact me immediately.

Also attached is a list of your project sites, operating site numbers and cluster sites.

When recruiting members, remember to send in your assessment worksheet prior to making a firm commitment to anyone.

If you have any questions, please contact Paula Cole Jones, NRCS Program Manager, at (202) 720-1853.


JOEL BERG
Director
National Service

Attachments

cc:

Diane Gelburd, Regional Conservationist, East, NRCS,
Beltsville, Maryland

Richard Baird, AmeriCorps Project Director, NRCS, Maine

AMERICORPS SUMMARY

Maine

Project Manager
 Richard Baird
 5 Godfrey Dr
 Orono, ME 04473
 Ph: (207) 866-7241
 FAX: (207) 581-3434

STATE	# OF MEMBERS	TYPE	# OF CLUSTERS	# OF SITES
Maine	20	RDT		

Cluster Site 1: Presque Isle

1A Duty Site: Presque Isle
 # of RDT Members: 2 - Site #: Y23A
 # of PL&E Members: 0
 Site supervisor: John Badger
 Phone #: (207) 764-4126
 Fax #: (207) 764-4126
 Duties: Water quality work

1B Duty Site: Houlton
 # of RDT Members: 1 - Site #: Y23B
 # of PL&E Members: 0
 Site supervisor: Donald Collins
 Phone #: (207) 532-2087
 Fax #: (207) 532-4379
 Duties: Water Quality work

1C Duty Site: Caribou
 # of RDT Members: 1 - Site #: Y23C
 # of PL&E Members: 0
 Site supervisor: John Badger
 Phone #: (207) 764-4126
 Fax #: (207) 764-4126
 Duties: Water Quality work

Cluster Site 2: Gorham

2A Duty Site: Gorham
of RDT Members: 3 - Site #: **Y23D**
of PL&E Members: 0
Site supervisor: Wayne Munroe
Phone #: (207) 839-7842
Fax #: (207) 839-7834
Duties: Water quality work
 Environmental education

2B Duty Site: Augusta
of RDT Members: 1 - Site #: **Y23E**
of PL&E Members: 0
Site supervisor: Mitch Michaud
Phone #: (207) 622-8289
Fax #: (207) 622-8221
Duties: Water quality work

2C Duty Site: Farmington
of RDT Members: 1 - Site #: **Y23F**
of PL&E Members: 0
Site supervisor: William Bell
Phone #: (207) 622-4443
Fax #: (207) 623-3748
Duties: Water quality work

2D Duty Site: Damaraiscotta
of RDT Members: 1 - Site #: **Y23H**
of PL&E Members: 0
Site supervisor: Mary Thompson
Phone #: (207) 273-2005
Fax #: (207) 273-2228
Duties: Water quality work

2E Duty Site: Rockland
of RDT Members: 2 - Site #: **Y23I**
of PL&E Members: 0
Site supervisor: Esperanza Stancioff
Phone #: (207) 594-2105
Fax #: (207) 594-0801
Duties: Fisheries restoration

3A	Duty Site:	Beals
	# of RDT Members:	4 - Site #: Y23J
	# of PL&E Members:	0
	Site supervisor:	Dwayne Shaw
	Phone #:	(207) 497-5769
	Fax #:	
	Duties:	Marine Education
3B	Duty Site:	Cherryfield
	# of RDT Members:	1 - Site #: Y23K
	# of PL&E Members:	0
	Site supervisor:	Dana Nelson
	Phone #:	(207) 546-2368
	Fax #:	(207) 546-2369
	Duties:	Cranberry Water Quality
3C	Duty Site:	Columbia Falls
	# of RDT Members:	1 - Site #: Y23L
	# of PL&E Members:	0
	Site supervisor:	Dana Nelson
	Phone #:	(207) 546-2368
	Fax #:	(207) 546-2369
	Duties:	Forestry/water quality education
3D	Duty Site:	Machias
	# of RDT Members:	2 - Site #: Y23M
	# of PL&E Members:	0
	Site supervisor:	David Garcelon
	Phone #:	(207) 255-3995
	Fax #:	(207) 255-6817
	Duties:	St. Croix Watershed coordinator Blueberry watershed coordinator



MAINE
AMERICORPS
TEAM USDA

November 3, 1995.

Richard Baird
Assistant State Conservationist
Natural Resources Conservation Services
5 Godfrey Dr.
Orono, ME 04473

Joel Berg
Director of National Service
Office of Public affairs
United States Department of Agriculture
Jamie L. Whitten Building, Room 538A
14th & Independence Ave., S.W.
Washington, DC 20250

Dear Joel:

Things are going well here in the Maine USDA AmeriCorps program. However, there have been a few changes that I wanted to keep you informed of.

First, the St. Croix Watershed Coordinator position in Machias, Maine was combined with the other position in Machias, Blueberry / Watersheds Coordinator. Therefore, the six objectives of these two positions have been combined and shortened. Objectives 10, 12, and 14 were chosen to be the objectives of the new position which will be known as the Washington County Water Quality Coordinator. Objectives 9, 11, and 13 were deleted. The open AmeriCorps position was given to our next priority project, Penobscot Bay / St. George Estuary Coordinator and the objectives are enclosed for your approval.

The second change is that the Salmonid Coordinator position in Presque Isle, Maine has moved to the town of China and become the China Lakes Water Quality Coordinator position. The objective for this position is also included for your approval.

Due to these site changes, the number of AmeriCorps members at these operating sites has also changed. The changes are as follows:

Site 95ADFDCO47Y23A - 1 member
Site 95ADFDCO47Y23E - 2 members
Site 95ADFDCO47Y23I - 3 members
Site 95ADFDCO47Y23M - 1 member

Thank you for your cooperation and please do not hesitate to contact me at (207) 866 - 7241 if you have any questions.

Sincerely,



Richard Baird

COMMUNITY SERVICE OBJECTIVES
Objective 1

GRANTEE: University of Maine Cooperative Extension
Penobscot Bay / St. George Estuary Coordinator

SITE: Rockland, Maine

SITE SUPERVISOR: Esperenza Stancioff **PHONE:** 1-800-244-2104

COUNTY: Lincoln

COMPONENTS OF OBJECTIVE STATEMENT: Assist partnership agencies and town volunteer groups in improving water quality so that the seafood industry may be increased in quantity and diversity, thus increasing employment and quality of living in the watershed.

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

-The participant will act as a liaison between a local volunteer watershed associations and local and state officials, will conduct shoreline surveys and water quality monitoring, and will research what assistance is available to communities and individuals through state and federal programs and how to access them.

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

Clamflats will be opened for harvest as a result of improved water quality increasing employment.

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

By the improvement of water quality through analyzed samples and by the number of clamflats opened.

4) By what standard will you gauge success?

Success will be measured by a 10% increase in the area of closed clam flats, or 70 out of 700 acres.

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

An estimated 36,000 people, indirectly, and 100 clamdiggers, directly.

COMMUNITY SERVICE OBJECTIVES
Objective 2

GRANTEE: University of Maine Cooperative Extension
Penobscot Bay / St. George Estuary Coordinator

SITE: Rockland, Maine

SITE SUPERVISOR: Esperenza stancioff

PHONE: 1-800-244-2104

COUNTY: Lincoln

COMPONENTS OF OBJECTIVE STATEMENT: A Marine Docents program will be developed to educate citizens about issues in the watershed.

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

The participant will assist in developing a Marine Docents program for the Penobscot Bay / St. George Estuary Watershed to provide educated volunteers to communities and will document the experience to help other watersheds implement the program in the future. The participant will also improve curriculum materials, develop a docent library, and meet with docents on a regular basis to assist them with activities and help develop volunteer projects which will assist communities.

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

Area citizens will have a better understanding of the need to improve water quality and how to maintain improvements. A water quality library will be available to local citizens and docents.

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

By the number of docents involved in the program and the number of citizens educated.

4) By what standard will you gauge success?

By having teams of certified water quality monitors trained by Marine docents monitoring water quality and collecting information on improvements in the watershed which can be used to document improvements in clamflat water quality.

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

An estimated 36,000 people, indirectly and 300 people directly.

COMMUNITY SERVICE OBJECTIVES

Objective 1

GRANTEE: USDA Natural Resources Conservation Service
Cranberry Water Quality Coordinator (1 Member - RDT)

SITE: Cherryfield, ME

SITE SUPERVISOR: Dana Nelson **PHONE:** (207) 546-2368 **COUNTY:** Washington

COMPONENTS OF OBJECTIVE STATEMENTS: Forestry and water quality education

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

Continued service will be provided to teacher volunteers through teacher training workshops covering Project Learning Tree, Project Wet, and Project Wild conducted by AmeriCorps member. Service will also be provided directly to students and teachers through field trips to fish hatcheries, demonstration forest management tours promoting ecosystem management, and an enhanced envirothon education program where students will demonstrate their knowledge of natural resources in environmental competition events.

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

This will result in on-going environmental education programs in area schools and students with an appreciation for water quality and resource conservation.

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?

A 75% increase in test scores as compared to previous tests, support for the programs continuation by the agency and sponsors and those receiving services.

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

Dozens of teachers & hundreds of students, loggers, wildlife enthusiasts and forest land owners will benefit.

COMMUNITY SERVICE OBJECTIVES

Objective 2

GRANTEE: USDA Natural Resources Conservation Service
Cranberry Water Quality Coordinator (1 Member - RDT)

SITE: Cherryfield, ME

SITE SUPERVISOR: Dana Nelson **PHONE:** (207) 546-2368 **COUNTY:** Washington

COMPONENTS OF OBJECTIVE STATEMENTS: Water quality and fisheries habitat awareness education and enhancement

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

Coordinate outreach & on-site interpretation, conduct interactive tours, assist in the production & stocking of 100,000 Atlantic Salmon Fry; implement a pilot project involving stocking of American shad in the Pleasant River; assist landowners and municipalities with implementation of Best Management Practices in areas of critical aquatic habitat.

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

This service will be available to school groups and civic organizations. The member will target riparian landowners in his/her effort to increase awareness about water quality issues in the watershed.

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

Survival rate of fish fry; written evaluations and oral feedback from participants in outreach programs; the willingness of involved individuals to install BMP's.

4. By what standard will you gauge success?

100% of salmon fry produced & stocked, one pilot project of stocking shad installed; and a 20% increase in BMP's among landowners assisted.

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

At least 8 school teachers, and roughly 150+ school children and parent chaperons. Perhaps hundreds of area residents.

COMMUNITY SERVICE OBJECTIVES

Objective 3

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Cherryfield, ME
Water Quality/Forestry Education Coordinator (1 Member - RDT)
SITE SUPERVISOR: Dana Nelson **PHONE:** (207) 546-2368 **COUNTY:** Washington

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

50% of growers successfully implementing best management practices; results of water quality monitoring program; support to continue the program.

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

A successful program should result in 19 existing area growers using Best Management Practices including Integrated Pest Management (IPM) to protect and preserve water quality. One to two hundred additional participants will be exposed to these management practices through tours, training sessions, and cranberry news articles.

COMMUNITY SERVICE OBJECTIVES

Objective 4

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Cherryfield, ME
Water Quality/Forestry Education Coordinator (1 Member - RDT)
SITE SUPERVISOR: Dana Nelson **PHONE:** (207) 546-2368 **COUNTY:** Washington

COMPONENTS OF OBJECTIVE STATEMENTS: Establish program assistance & infrastructure for continued assistance to cranberry agriculture for wise management of natural resources & protection of water quality.

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

Participant will continue AmeriCorps program of technical assistance to a growing number of cranberry growers (presently 26 statewide) through AmeriCorps projects started in FY 95 and will initiate actions to overcome obstacles to wise resource management through RC&D network and RC&D Cranberry Committee.

Evaluate upland cranberry bed development, establishment of video and reference library of cranberry Best Management Practices, direct assistance to growers with problems, establishment of an upland cranberry development and management practices implementation time line for Maine, and development of a self-sustaining Integrated Pest Management (IPM) program.

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

A self-sustaining IPM and fertilizer management program will insure long-term support for fertilizer and pesticide BMP's; education & agency technical assistance will maximize wise planning, development & management for water quality.

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

Quality of services will be measured by success of participants in implementing water quality plans & practices approved & recommended by support agencies.

4. By what standard will you gauge success?

Maintaining currently acceptable water quality at upland research sites; one or more erosion and sediment control and/or integrated pest management practices being applied by 16 of the estimated 30 growers to be involved in cranberry production in 1996.

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.

COMMUNITY SERVICE OBJECTIVES
Objective 1

GRANTEE: USDA Natural Resources Conservation Service

China Lakes Water Quality Coordinator

SITE SUPERVISOR: George Lord

PHONE: (207) 445 - 2014

SITE: Augusta, Maine

COUNTY: Kennebec

COMPONENTS OF OBJECTIVE STATEMENT: Assist the newly formed China Lakes Alliance in the establishment of water quality education, awareness, and improvement activities.

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

The participant will establish an educational program in conjunction with the alliance and will help present these educational materials throughout the watershed.

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

Area citizens will have a better understanding of the need for good water quality and will know how to improve and maintain improvements in water quality. The China Lakes Alliance will enjoy increased water quality activity in the community.

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

By the number of citizens educated.

4) By what standard will you gauge success?

1500 individuals will be educated.

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

- 500 individuals in the town of China
- 350 individuals in Three Mile Pond
- 350 individuals from Webber
- 350 non resident lake association members
- 1,500 individuals will receive educational information
- 200 individuals will receive direct personal attention

COMMUNITY SERVICE OBJECTIVES

Objective 5

GRANTEE: USDA Natural Resources Conservation Service
Camp Road Water Quality Coordinator (1 Member - RDT)

SITE: Augusta, Maine

SITE SUPERVISOR: Mitchell Michaud **PHONE:** (207) 622-8289 **COUNTY:** Kennebec

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?

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.

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

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?

Phosphorus reductions will be measured by Maine Department of Environmental protection by systematic monitoring done throughout the state. Decreases expected will be at the most 2-3 mg/l over a five year period. Decrease may be less where lake assimilation capacity is already high. The lower levels are equally valuable because they are related to lake protection as opposed to restoration.

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.

COMMUNITY SERVICE OBJECTIVES
Objective 3

GRANTEE: USDA Natural Resources Conservation Service
China Lakes Water Quality Coordinator

SITE: Augusta, Maine

SITE SUPERVISOR: George Lord **PHONE:** (207) 445 - 2014

COUNTY: Kennebec

COMPONENTS OF OBJECTIVE STATEMENT: Assist in implementing land treatments that reduce erosion and phosphorus loading into the lakes and help landowners in the development of individual application land treatments that improve water quality.

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

The participant will visit with landowners and help develop and implement best management practices for water quality.

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

The installation of BMP's.

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

By the variety of BMP's installed.

4) By what standard will you gauge success?

At least 25 landowners will implement BMP's designed by the participant.

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

100 individuals will directly benefit. 90,000 people will benefit from cleaner drinking water.

COMMUNITY SERVICE OBJECTIVES
Objective 2

GRANTEE: USDA Natural Resources Conservation Service
China Lakes Water Quality Coordinator

SITE: Augusta, Maine

SITE SUPERVISOR: George Lord

PHONE: (207) 445 - 2014

COUNTY: Kennebec

COMPONENTS OF OBJECTIVE STATEMENT: Develop a water quality monitoring program using local volunteers.

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

The participant will recruit and train volunteers to conduct a watershed survey as well as assist in Lake monitoring.

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

The increased use of volunteers to assess water quality.

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

By the number of volunteers involved in the program and the number of sites evaluated.

4) By what standard will you gauge success?

900 -1000 sites in the watershed will be evaluated.

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

100 volunteers will participate in the program and benefit directly. 90,000 people will benefit from cleaner drinking water.

COMMUNITY SERVICE OBJECTIVES
Objective 6

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Farmington, Maine
MACD Conservation Education Coordinator (1 Member - RDT)
SITE SUPERVISOR: William Bell **PHONE:** (207) 622-4443 **COUNTY:** Franklin

COMPONENTS OF OBJECTIVE STATEMENTS: Promote development & improvement of District conservation education programs.

-
1. **What work will be done? What service activities will your participants engage in?**
Assist in development of a community educational program on water quality issues; produce curriculum material; promote poster contest.
 2. **What is the hoped for result of the work/activities described above?**
To increase awareness, knowledge, and participation of all Maine residents on the conservation and sustainable use of our natural resources.
 3. **How will you measure the quality of your product or impact of your service?**
Increased participation of students & teaches in environmental events
 4. **By what standard will you gauge success?**
50% of participating students achieving an increased understanding of water issues.
 5. **How many individuals will receive the benefit of the work your participants perform?**
800 students in water quality projects; 640 students in poster contest.

COMMUNITY SERVICE OBJECTIVES

Objective 7

GRANTEE: USDA Natural Resources Conservation Service
MACD Conservation Education Coordinator (1 Member - RDT)

SITE: Farmington, Maine

SITE SUPERVISOR: William Bell **PHONE:** (207) 622-4443 **COUNTY:** Franklin

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?

Will follow up with 1995 NRI teacher/leader attendees to provide assistance to teachers on incorporating environmental and agricultural concepts into classroom lesson plans.

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

A successful NRI program with high rate of environmental and agricultural concepts being taught in classrooms.

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

Encouraging teachers to do pre and post tests of students' knowledge of natural resources and agricultural information.

4. By what standard will you gauge success?

Increased understanding of 80% of students of natural resource and agricultural concepts because 18 of the estimated 25 teachers who attend the NRI workshop will use information and concepts obtained and learned in the classroom. This information will be gathered by a follow-up mailing in April 1997 by the Maine Association of Conservation Districts.

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

25 teachers with 400 students.

COMMUNITY SERVICE OBJECTIVES
Objective 8

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Farmington, Maine
MACD Conservation Education Coordinator (1 Member - RDT)
SITE SUPERVISOR: William Bell **PHONE:** (207) 622-4443 **COUNTY:** Franklin

COMPONENTS OF OBJECTIVE STATEMENTS: Assist with Envirothon

-
- 1. What work will be done? What service activities will your participants engage in?**
Outreach to teachers to encourage and assist them to organize an envirothon program at their school; organize materials and prepare NRI curriculum; handle registration material; process registration; handle logistics.
 - 2. What is the hoped for result of the work/activities described above?**
Successful Envirothons at the regional and state levels.
 - 3. How will you measure the quality of your product or impact of your service?**
Increased participation of students in statewide Envirothons and an increasing number of schools who use the environthon curriculum as the natural resource science base for their school.
 - 4. By what standard will you gauge success?**
An increase from 400 students on 80 teams representing 62 schools to 615 students on 123 teams representing 95 schools.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
615 students directly from participation and 500 associated classmates where preparation for the Envirothon becomes the focus of the high school natural science class curriculum.

COMMUNITY SERVICE OBJECTIVES

Objective 9

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Machias, Maine
St. Croix Watershed Coordinator (1 Member - RDT)
SITE SUPERVISOR: David Garcelon **PHONE:** (207) 255-3995 **COUNTY:** Washington

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?

Assist DMR and St. Croix Estuary Project in conducting or facilitating volunteers to conduct water quality sampling of clam flats, completing and updating shoreline and stream surveys to locate sources of non-point and point source pollution and preparing land use inventories. Assisting towns and landowners in identification of funding sources and information on how to gain access to those funds.

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

Additional 50 acres of clamflats to shellfish harvesting opened

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

Water quality monitoring will show reduction of fecal coliform to acceptable standards.

4. By what standard will you gauge success?

50 acres of currently closed clamflats to shellfish harvesting will be opened.

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

Population of 10,000.

COMMUNITY SERVICE OBJECTIVES

Objective 11

GRANTEE: USDA Natural Resources Conservation Service
St. Croix Watershed Coordinator (1 Member - RDT)

SITE: Machias, Maine

SITE SUPERVISOR: David Garcelon **PHONE:** (207) 255-3995

COUNTY: Washington

COMPONENTS OF OBJECTIVE STATEMENTS: Work with forest managers to implement BMP's

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

Assist with 2 workshops on forestry BMP; provide water quality resource management information through town meetings; assist in creating zoning ordinances.

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

Improvement of water quality through use of forestry BMP's.

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

Forest operator's adoption of Best Management Practices; feedback from communities & town planers.

4. By what standard will you gauge success?

Estimate that 70 forest operataors will attend workshops and that 90% will adopt one or more BMP's for use in their operations.

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

Watershed population of 10,000.

COMMUNITY SERVICE OBJECTIVES
Objective 13

GRANTEE: USDA Natural Resources Conservation Service
Blueberry/Watersheds Coordinator (1 Member - RDT)

SITE: Machias, Maine

SITE SUPERVISOR: David Garcelon **PHONE:** (207) 255-3995

COUNTY: Washington

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 three towns' shellfish committees to encourage adoption of measures to improve clamflat management. This will include two forums, 4 town meetings, 2 mgmt education seminars & provide continuing technical assistance to shellfish committees.

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

Assist the communities in improving citizen understanding of the improved clam flat techniques, provide training to community shellfish committees so they have the skills to properly manage clam flats.

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. Three of the six targeted communities shellfish committees formulate and begin implementing shellfish management plans.

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 SITE: Machias, Maine
Blueberry/Watersheds Coordinator (1 Member - RDT)
SITE SUPERVISOR: David Garcelon PHONE: (207) 255-3995 COUNTY: Washington

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?
Grower satisfaction with educational program and evidence of adherence to Best Management Practices in watersheds.

4. By what standard will you gauge success?
Adoption of BMP's by 30 growers in watershed.

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.

COMMUNITY SERVICE OBJECTIVES

Objective 12

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Machias, Maine
Blueberry/Watersheds Coordinator (1 Member - RDT)
SITE SUPERVISOR: David Garcelon **PHONE:** (207) 255-3995 **COUNTY:** Washington

COMPONENTS OF OBJECTIVE STATEMENTS: Extend septic repair/replacement and water monitoring into Pleasant-Narraguagus River watersheds, and possibly eastward

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1. **What work will be done? What service activities will your participants engage in?**
Coordinate with the Dpt of Environmental Protection and the Dpt of Marine Resources to locate areas with potential shellfish habitat; assist 3 towns apply for funds thru DEP for septic system upgrading/installation; monitor water quality through scheduled water testing and site evaluation.
 2. **What is the hoped for result of the work/activities described above?**
An overall improvement in water quality; re-opening of two closed flats to clam harvesting.
 3. **How will you measure the quality of your product or impact of your service?**
Establishment of good working relationship between towns, AmeriCorps Members, DEP, and DMR; water testing projects will assist DMR by providing additional data for evaluating health of area; an improvement in water testing scores in target areas, grant funds used more efficiently.
 4. **By what standard will you gauge success?**
Re-opening of two closed flats, approximately 10 acres, to clam harvesting.
 5. **How many individuals will receive the benefit of the work your participants perform?**
Regional watersheds population of 5,000.

COMMUNITY SERVICE OBJECTIVES

Objective 10

GRANTEE: USDA Natural Resources Conservation Service
St. Croix Watershed Coordinator (1 Member - RDT)

SITE: Machias, Maine

SITE SUPERVISOR: David Garcelon **PHONE:** (207) 255-3995

COUNTY: Washington

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. Member will make 20 classroom presentations to demonstrate curriculum use in classrooms.

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?

Improved water quality in the watershed; enthusiasm & acceptance of watershed curriculum by students & teachers.

4. By what standard will you gauge success?

Feedback from students & teachers; adoption of watershed curriculum by teachers on a continuing basis. Minimum of eight teachers will adopt the developed water curriculum for use in their classes.

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

Population of 10,000.

· COMMUNITY SERVICE OBJECTIVES

Objective 15

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Houlton, Maine
Water Quality/Rural Development Coordinator (1 Member - RDT)

SITE SUPERVISOR: Donald Collins **PHONE:** (207) 532-2087 **COUNTY:** Aroostook

COMPONENTS OF OBJECTIVE STATEMENTS: Facilitate crop & livestock resource information sharing with emphasis on increasing the sharing of land bases between potato & livestock farmers for soil improvement.

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- 1. What work will be done? What service activities will your participants engage in?**
Investigate & evaluate opportunities for landbase sharing between crops-2 potato farmers & 2 livestock farmers, evaluate water quality, crop, and soil benefits of enterprise integration and organize resource sharing.
 - 2. What is the hoped for result of the work/activities described above?**
Increase organic matter in cropland soils by 1%. This will improve utilization of nutrients & effectiveness of pesticides which will reduce the amount of nutrients and pesticides applied and the amount available for surface runoff and groundwater percolation.
 - 3. How will you measure the quality of your product or impact of your service?**
Before and after soil tests will be taken to gauge soil organic matter increases. Base saturation for the four major cations will be evaluated from a before and after standpoint. This improved base saturation ratio due soil organic matter increases will result in better utilization of nutrients by crops.
 - 4. By what standard will you gauge success?**
An increase in organic matter in cropland soils by 1% due to improved rotations and manure applications.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
Directly 4-10 farming operations; indirectly 50-100 farming operations.

COMMUNITY SERVICE OBJECTIVES

Objective 16

GRANTEE: USDA Natural Resources Conservation Service **SITE:** : Houlton, Maine
Water Quality/Rural Development Coordinator (1 Member - RDT)
SITE SUPERVISOR: Donald Collins **PHONE:** (207) 532-2087 **COUNTY:** Aroostook

COMPONENTS OF OBJECTIVE STATEMENTS: Increase the use of sustainable, and environmentally sound farming practices.

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- 1. What work will be done? What service activities will your participants engage in?**
Identify crop & livestock diversification opportunities, identify & evaluate environmental impact of crop and livestock enterprise, promote BMP's and establishment of rotational grazing systems.
 - 2. What is the hoped for result of the work/activities described above?**
Increase diversification & obtain better economic returns, increase BMP & ICM implementation, collect and evaluate data. Fence out cattle from the stream.
 - 3. How will you measure the quality of your product or impact of your service?**
Utilization & implementation of BMP's, quantity of diversification & viability of these enterprises, and number of research projects. Number of areas protected from cattle.
 - 4. By what standard will you gauge success?**
Ten farmers using new technology, development of one new, viable low chemical commercial fertilizer enterprise, 10% decrease in chemical commercial fertilizer use in 25 participants and cost effectiveness of action items.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
Directly 15-30; indirectly 150-200.

COMMUNITY SERVICE OBJECTIVES

Objective 17

GRANTEE: USDA Natural Resources Conservation Service SITE: : Houlton, Maine
Water Quality/Rural Development Coordinator (1 Member - RDT)
SITE SUPERVISOR: Donald Collins PHONE: (207) 532-2087 COUNTY: Aroostook

COMPONENTS OF OBJECTIVE STATEMENTS: Increase District assistance to municipalities.

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1. What work will be done? What service activities will your participants engage in?
Develop composting & recycling education program, assist & promote recycling implementation, organize road maintenance & construction workshop, organize code enforcement officer workshop on BMP utilization and assist planning boards with better resource utilization.
 2. What is the hoped for result of the work/activities described above?
Increased recycling & composting programs, improvement in water quality, decrease use of pesticides, increased organic matter content in soils, better utilization of waste materials, proper construction and maintenance of roads.
 3. How will you measure the quality of your product or impact of your service?
25% increased re-use of waste materials, increase in stable road ditches, better coordination of soil uses with soil conditions and limitations.
 4. By what standard will you gauge success?
Effective technology transfer, number of participants at workshops, number of contracts & referrals, action items meeting guidelines of soil suitability.
 5. How many individuals will receive the benefit of the work your participants perform?
Directly 20-30 town contacts; indirectly 35-50% of population in District.

COMMUNITY SERVICE OBJECTIVES

Objective 20

GRANTEE: USDA Natural Resources Conservation Service SITE: Damariscotta, Maine
Damariscotta River Watershed Coordinator (1 Member - RDT)
SITE SUPERVISOR: Mary Thompson PHONE: (207) 273-2005 COUNTY: Knox

COMPONENTS OF OBJECTIVE STATEMENTS: Alleviate scheduling challenges in order to procure 1,000,000 shad eggs for the time & Tide Mid Coast Fisheries Development and DMR shad restoration efforts.

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1. What work will be done? What service activities will your participants engage in?
Assist in shad egg take, assist in adult shad & alewife stocking, short-nosed sturgeon & striped bass population assessment, training in boat handling gill netting, net mending and water safety, and delivery of shad eggs to hatchery. Members will do five community presentations on the importance of forage fish restocking program to the health of the commercial fisheries of the area.
 2. What is the hoped for result of the work/activities described above?
Procure 1,000,000 shad eggs and educate community about forage fish restocking programs.
 3. How will you measure the quality of your product or impact of your service?
By the success of rearing of the shad eggs.
 4. By what standard will you gauge success?
Technology currently available on raising shad from eggs.
 5. How many individuals will receive the benefit of the work your participants perform?
sport fishermen & businesses in the area.

COMMUNITY SERVICE OBJECTIVES
Objective 19

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Damariscotta, Maine
Damariscotta River Watershed Coordinator (1 Member - RDT)
SITE SUPERVISOR: Mary Thompson **PHONE:** (207) 273-2005 **COUNTY:** Knox

COMPONENTS OF OBJECTIVE STATEMENTS: Increased public outreach on water quality to educational institutions.

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- 1. What work will be done? What service activities will your participants engage in?**
Develop networks with the Science Departments at Boothbay High School & Lincoln Academy, work with faculty to provide an experiential connection and curriculum addendum between water quality & core science curriculum. AmeriCorps members to do 10 demonstration classroom presentations of water quality curriculum addendum concepts.
 - 2. What is the hoped for result of the work/activities described above?**
A sense of appreciation of the estuary and river for the students and community members.
 - 3. How will you measure the quality of your product or impact of your service?**
Increased awareness of the importance of water quality & landowners will begin contacting people/agencies that can provide technical assistance to solve a non-point issue.
 - 4. By what standard will you gauge success?**
Continued interest the community has in the estuary project and the increased understanding of at least 200 students who participate in the 10 demonstration presentations of their relationship to water quality in the estuary.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
Over 400 high school students & member of the community.

COMMUNITY SERVICE OBJECTIVES
Objective 18

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Damariscotta, Maine
Damariscotta River Watershed Coordinator (1 Member - RDT)
SITE SUPERVISOR: Mary Thompson **PHONE:** (207) 273-2005 **COUNTY:** Knox

COMPONENTS OF OBJECTIVE STATEMENTS: Provide assistance to Damariscotta River Association's (DRA)
"Tidewater Watch" water quality monitoring program.

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- 1. What work will be done? What service activities will your participants engage in?**
Coordinate the program, monitor, produce four water quality monitoring reports.
 - 2. What is the hoped for result of the work/activities described above?**
Clam flats will continue to be opened & that closed flats will be opened, fisheries & aquaculture resources will increase in productivity.
 - 3. How will you measure the quality of your product or impact of your service?**
Water monitoring samples will show improvement in water quality by a reduction in coliform pollution to a level which allows clamflats to be opened.
 - 4. By what standard will you gauge success?**
Hope to see a 10% increase in clam flats open to active clam digging, about 40 of the 400 acres which are currently closed in the Damariscotta River area.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
50 clamdiggers and 30,000 residents.

COMMUNITY SERVICE OBJECTIVES

Objective 21

GRANTEE: USDA Natural Resources Conservation Service
Environmental Education Circuit Rider (1 Member - RDT)

SITE: Gorham, Maine

SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

COMPONENTS OF OBJECTIVE STATEMENTS: Improve water quality thru Adopt-A-Stream projects.

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

Develop & implement 4 Adopt-A-Stream projects in local schools. Train teachers and students in the use of water quality monitoring equipment, and stream ecology curricula.

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

Increased public awareness of non-point source pollution and best management practices. Promote citizen action & stewardship. Ultimately improvement in water quality.

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

Condition of stream assessed at beginning of the program and improvements monitored through out the project. Student knowledge tested, students will keep field journals, and student and teacher evaluations.

4. By what standard will you gauge success?

75% of participating students will significantly improve their investigation/evaluation skills.

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

Approximately 100 students & 7 teachers

COMMUNITY SERVICE OBJECTIVES

Objective 22

GRANTEE: USDA Natural Resources Conservation Service
Environmental Education Circuit Rider (1 Member - RDT)

SITE: Gorham, Maine

SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

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
Environmental Education Circuit Rider (1 Member - RDT)

SITE: Gorham, Maine

SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

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.

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

Teachers 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.

· COMMUNITY SERVICE OBJECTIVES

Objective 25

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Gorham, Maine

Casco Bay Watershed Coordinator I (1 Member - RDT)

SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

COMPONENTS OF OBJECTIVE STATEMENTS: Coordinate watershed planning & team building in priority sub-watersheds with agencies, groups and 44 communities in the Casco Bay Watershed.

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- 1. What work will be done? What service activities will your participants engage in?**
Coordination outreach to individuals, agencies, & volunteer groups through the 44 watershed communities. Facilitate the networking of water quality monitoring programs, training workshops, newsletters and capacity building of water quality groups who will benefit from better communication and program successes of other groups and new partners.
 - 2. What is the hoped for result of the work/activities described above?**
A more cohesive & integrated water quality program capacity will result by all partnering individuals, agencies, and groups contacted.
 - 3. How will you measure the quality of your product or impact of your service?**
Water monitoring samples will indicate water quality improvement. By the adoption of improved water quality standards adopted by individuals, agencies and groups who will apply the uniform water quality standards in the watershed communities.
 - 4. By what standard will you gauge success?**
Expect 10 additional miles of streams to improve one class in the "State Water Quality Classification Standard."
 - 5. How many individuals will receive the benefit of the work your participants perform?**
300 individuals, agencies, groups in the 44 watershed communities.

COMMUNITY SERVICE OBJECTIVES

Objective 24

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Gorham, Maine
Casco Bay Watershed Coordinator I (1 Member - RDT)
SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

COMPONENTS OF OBJECTIVE STATEMENTS: Utilize existing critical nonpoint source landuse inventory data & resource tools to locate threatened or impaired riparian zone habitat areas.

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- 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?**
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?**
Conservation practices will be installed on 50 individual sites to treat 5,000 feet of riparian zone corridor. Practices include streambank stabilization, critical area plantings of vegetative ground covers, willows, herbaceous plant materials and other vegetative buffer management techniques as contained in USDA technical guides.
 - 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 **SITE:** Gorham, Maine
Casco Bay Watershed Coordinator I (1 Member - RDT)
SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

COMPONENTS OF OBJECTIVE STATEMENTS: Deliver technical assistance to 44 communities & 100 individuals, 50 landowners, 15 agencies & groups, in order to apply 50 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?
By engaging watershed treatment practices, sound watershed stewardship and adoption of water resource protection practices, individuals and groups will directly improve water quality by taking localized action and responsibility while achieving cumulative water quality protection of receiving watershed waters.

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?
Expect 10 additional miles of streams to improve one class in the "State Water Quality Classification Standard".

5. How many individuals will receive the benefit of the work your participants perform?
100 individuals, 50 downers, and 15 agencies and groups.

COMMUNITY SERVICE OBJECTIVES
Objective 27

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Gorham, Maine
Casco Bay Watershed Coordinator II (1 Member - RDT)
SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

COMPONENTS OF OBJECTIVE STATEMENTS: Improve water quality in watershed.

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- 1. What work will be done? What service activities will your participants engage in?**
Inventory the watershed to locate sites contributing to water quality problems and work with landowners/users to apply conservation and best management practices to correct identified problems.
 - 2. What is the hoped for result of the work/activities described above?**
Problem sites identified and will have conservation and best management practices applied to correct problems and improve ground water quality.
 - 3. How will you measure the quality of your product or impact of your service?**
The State of Maine Water Quality Classification standards will be used as guidelines to track improved water quality. Portland Water District water quality monitoring programs will track trends and measure tangible water quality improvements that result from implementing these conservation and best management practices.
 - 4. By what standard will you gauge success?**
By the correction of 150 problem sites on which conservation and best management practices will be applied to improve water quality and reduce nonpoint source pollution.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
150 households, 50 community officials and 75 members of volunteer groups will benefit.

COMMUNITY SERVICE OBJECTIVES
Objective 28

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Gorham, Maine
Casco Bay Watershed Coordinator II (1 Member - RDT)
SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

COMPONENTS OF OBJECTIVE STATEMENTS: To improve water quality monitoring procedures and reduce duplication of efforts between organizations interested in water quality monitoring.

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- 1. What work will be done? What service activities will your participants engage in?**
Coordinate outreach and deliver technical assistance to Federal, State & local agencies and volunteer groups in the 20 watershed communities. Improve the networking between groups interested in water quality by facilitating water quality monitoring programs, training workshops, news letters and capacity building of those groups.
 - 2. What is the hoped for result of the work/activities described above?**
A more cohesive and integrated water quality effort with more partnering among individual groups and community organizations to solve water quality problems.
 - 3. How will you measure the quality of your product or impact of your service?**
The demonstration water quality protection site treatment plans will utilize the latest technology and follow USDA and State of Maine technical standards and specifications.
 - 4. By what standard will you gauge success?**
Twenty groups and 200 individuals who will have a more comprehensive understanding and ability to use the Maine Water Quality Classification Standards in their local community water quality work.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
500 individuals plus 20 groups/organizations in the 20 watershed communities.

COMMUNITY SERVICE OBJECTIVES
Objective 29

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Gorham, Maine
Casco Bay Watershed Coordinator II (1 Member - RDT)
SITE SUPERVISOR: Wayne Munroe **PHONE:** (207) 839-7842 **COUNTY:** Cumberland

COMPONENTS OF OBJECTIVE STATEMENTS: Increase the utilization of the "Adopt a Stream" program.

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- 1. What work will be done? What service activities will your participants engage in?**
Water quality information and education tools will be provided to schools, groups and individual households to stimulate behavior changes that will result in a cumulative improvement in water quality.
 - 2. What is the hoped for result of the work/activities described above?**
To instill a higher level of water quality community ownership and protection of natural resources.
To stimulate the organization of several "Adopt a stream" groups.
 - 3. How will you measure the quality of your product or impact of your service?**
Phosphorus reductions will be measured by Portland Water District Laboratory Analysis, EPA Safe Drinking Water Standards and Parameters will serve as guidelines, and utilization of National Water Quality consulting Scientists to measure water quality improvements.
 - 4. By what standard will you gauge success?**
Public education program will help reduce nonpoint sources of phosphorus pollution by informing residents of the area of the impacts of their activities (affecting 200 households, 21 schools, 50 scouts, 1-2 fishing organizations). 15% reduction of phosphorus outputs from households
 - 5. How many individuals will receive the benefit of the work your participants perform?**
350 individuals, 12 volunteer groups, 500 elementary, junior high & high school students.

· COMMUNITY SERVICE OBJECTIVES

Objective 30

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Rockland, Maine
Mid-Coast Fisheries Water Quality Coordinator (2 Member - RDT)

SITE SUPERVISOR: Esperanza Stancioff **PHONE:** (207) 594-2104 **COUNTY:** Knox

COMPONENTS OF OBJECTIVE STATEMENTS: Assist partnership agencies & towns in improving water quality, so that closed shellfish beds may be opened for harvest again.

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

Will meet with local officials to encourage them to take actions with citizens to solve water quality problems. Assist in water quality monitoring programs, advise on proper procedures for taking water samples, survey shorelines, hold workshops, gather & evaluate existing survey data, conduct public forums, present education programs in local schools.

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

Local officials will follow up on point source & non-point source pollution findings from water monitoring, and shoreline survey activities to abate the problems, area citizens have a better understanding of how to improve their water quality & maintain improvements and take actions which will correct identified water quality problems. Have an additional 50 volunteers trained in water quality monitoring techniques.

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

Technical monitoring standards set up by DEP Dpt of marine Resources & judgment of other professionals.

4. By what standard will you gauge success?

Expect a 10% increase in the acres of clamflats open to active digging, about 3,000 of the 31,000 acres closed in the project area.

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

In the region, up to 2,500 local residents would benefit

COMMUNITY SERVICE OBJECTIVES

Objective 32

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Presque Isle, Maine
Fish River Lakes Water Quality coordinator (1 Member - RDT)
SITE SUPERVISOR: John Badger **PHONE:** (207) 764-4126 **COUNTY:** Aroostook

COMPONENTS OF OBJECTIVE STATEMENTS: Create & implement environmental education projects concerning issues of water quality in the Fish River Lakes Watershed.

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

Implement Adopt-A-Stream projects in 4 or more schools, sponsor workshops, adapt the FRLWQA display case to show effects of erosion and place in 5 locations, hold a tour to educate the general public about pollution, distribute 3000 water quality brochures, work w/teachers to implement a "Children's Water Fest Day".

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

Educational efforts concerning particular water quality issues will urge citizens to take action to preserve the abundance of natural resources in the 600,000 acre Fish River Chain of Lakes Watershed

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

The number of pollution sources identified and the immediate steps taken by landowners to alleviate the problem. The number of volunteers brought on to conduct data collection programs. The completion of an overall plan to solve water pollution problems and provide an implementation schedule.

4. By what standard will you gauge success?

Adopt-A-Stream in 4 schools, sponsor 1-2 workshops, adapted the FRLWQA display, distributed 3000 brochures.

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

8 teachers, 150+ students and 1000 citizens

· COMMUNITY SERVICE OBJECTIVES
Objective 33

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Presque Isle, Maine
Fish River Lakes Water Quality Coordinator (1 Member - RDT)
SITE SUPERVISOR: John Badger **PHONE:** (207) 764-4126 **COUNTY:** Aroostook

COMPONENTS OF OBJECTIVE STATEMENTS: Stimulate measures to be taken concerning water quality improvement & analysis.

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

Member will work with college students and Daigle Pond residents to identify sources of pollution by using standard surveying methods. Will then work with Daigle Pond residents to begin land and water restoration projects. Will provide residents with information on fund and equipment sources for carrying out water quality monitoring. Member will provide technical assistance to residents on applying BMP's.

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

Concrete efforts will be made to provide technical assistance for Daigle Pond residents, collect water quality monitoring data on all 8 lakes, sponsoring research efforts on water quality.

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

The short-term impact & quality of Adopt-A-Stream will be measured by the number of students physically involved in the classroom programs and field day programs. The long-term impact will be measured by how many teachers continue to include Adopt-A-Stream concepts and lesson plans in their curriculum for the following year.

Following the public information display, the number of individuals who contact the Fish River Lakes Water Quality Coordinator in order to volunteer their services or gather more information will be a measure of impact.

The implementation of water quality protection practices as a result of information presented during the tour would show that the tour had high impact on landowners.

4. By what standard will you gauge success?

Expect .5-1 mg/1 reduction in phosphorous loading in Daigle Pond over the next two years due to project response.

5. How many individuals will receive the benefit of the work your participants perform?
Potentially, all residents (40+) of Daigle Pond, residents of Fish River Lakes (1800+).

COMMUNITY SERVICE OBJECTIVES

Objective 36

GRANTEE: USDA Natural Resources Conservation Service
Salmonid Coordinator (1 Member - RDT)

SITE: Presque Isle, Maine

SITE SUPERVISOR: John Badger **PHONE:** (207) 764-4126 **COUNTY:** Aroostook

COMPONENTS OF OBJECTIVE STATEMENTS: Develop & carry out water quality, fisheries, and watershed educational and informational programs.

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

Develop school programs for 8 schools, conduct talks to area groups, display board set up at 2-3 fish & game conferences and 3-5 fishing workshops.

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

School programs that will allow approximately 250 school children to become well-versed in the field of fisheries, stream ecology, and water quality. On-going school programs, planned & presented by the school teachers themselves, will be a long-term result.

The result of the classroom Salmonid incubation program will be the purchase of 3 to 6 tanks and cooling units which schools will be able to maintain and operate each year, thereby automatically tying in a fisheries program to the core curriculum of the local fourth grades.]

The long term result will be fisheries projects initiated and operated by fishing clubs and community groups.

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

School program quality will be measured by quizzes administered to the students at the beginning & end of the teaching sequence. The final quiz will allow the AmeriCorps educator to measure the amount of understanding acquired by each student. Also, the impact of the material presented will be measured by how the teachers incorporate it into their year-long lesson plans.

School groups, scouting groups, fishing clubs & environmental organizations should be able to gather enough information and enthusiasm from the AmeriCorps Member contacts to begin their own projects.

4. By what standard will you gauge success?

The number of individuals reached at each encounter will be documented; if an individual program doesn't seem to be engaging an audience, improvements will be made. also, the number of programs enacted, as documented in quarterly reports, will gauge the success of this objective.

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

Approximately 500-800 individuals will be reached through this variety of programming; appox. 350-400 school students, 120 scout members, 100 members of community groups.

COMMUNITY SERVICE OBJECTIVES

Objective 35

GRANTEE: USDA Natural Resources Conservation Service
Caribou Trails Coordinator (1 Member - RDT)

SITE: Caribou, Maine

SITE SUPERVISOR: John Badger **PHONE:** (207) 764-4126

COUNTY: Aroostook

COMPONENTS OF OBJECTIVE STATEMENTS: Stimulate measures to be taken to keep the AVR & B&A trail environmentally sound.

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

Coordinate 5 environmental clean-up days, develop 3-5 displays, work with the Nature Conservancy, to manage beaver ponds and access to sensitive areas, put trash receptacles at all trailheads.

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

Clean 72 miles of trails.

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

The amount of work that will be completed including bank seeding, obstruction removal, ditch repair, etc, along the AVR & B&A trails will be very beneficial in obtaining good water quality of the many streams & rivers that criss cross the AVR & B&A trails.

4. By what standard will you gauge success?

If we achieve the aforementioned goals, we will have completed enhancing the environmental state of the 72 mile system; established a working relationship with the Nature conservancy; and improved water quality in adjacent rivers & streams.

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

Potentially 8,000 residents.

COMMUNITY SERVICE OBJECTIVES

Objective 34

GRANTEE: USDA Natural Resources Conservation Service

SITE: Caribou, Maine

Caribou Trails Coordinator (1 Member - RDT)

SITE SUPERVISOR: John Badger **PHONE:** (207) 764-4126

COUNTY: Aroostook

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?

Increase in number of clams successfully hatched and raised for flat seeding from approximately 10 million to 13-15 million.

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

8,000 people

COMMUNITY SERVICE OBJECTIVES

Objective 39

GRANTEE: USDA Natural Resources Conservation Service
Marine Education Center (4 Members - RDT)

SITE: Beals, Maine

SITE SUPERVISOR: Dwayne Shaw **PHONE:** (207) 497-5769

COUNTY: Washington

COMPONENTS OF OBJECTIVE STATEMENTS: Enhance community participation in management of shellfish habitat for reseeding the diversified types of shellfish reared at the Beals Island Shellfish Hatchery.

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

Raising shellfish & transplanting them to clamming habitat in towns from Kittery to Eastport, interacting with shellfish groups to increase awareness, publish quarterly newsletter; develop demonstration farm programs.

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

That more communities place a greater importance on natural resource management; an increase in the number of communities participating in shellfish restoration, enhanced diversity of shellfish and quality of habitat & improved water quality.

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

Assessing the ratio of communities that do nothing to manage their resource to those that do and noting changes in this ratio thru time; continue collecting/comparing water quality samples.

4. By what standard will you gauge success?

Numbers of individuals and communities that are participating in a hatchery based management program at the end of the year. Increase the number of clams successfully hatched and raised for flat seeding from approximately 10 million to 13-15 million.

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

The residents of 15-20 towns with populations from 200 to 12,000 who participate in the flat seeding program will have some improved economic conditions over the next 2-5 years.

COMMUNITY SERVICE OBJECTIVES

Objective 37

GRANTEE: USDA Natural Resources Conservation Service
Marine Education Center (4 Members - RDT)

SITE: Beals, Maine

SITE SUPERVISOR: Dwayne Shaw **PHONE:** (207) 497-5769

COUNTY: Washington

COMPONENTS OF OBJECTIVE STATEMENTS: Improve shellfish habitat & population numbers by implementing "Best Management Practices" for public shellfish habitat.

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

Production of shellfish "seed" for public stock enhancement, dissemination of modern mgmt practices information, produce & show a video on water quality, recruitment of volunteers to monitor water quality, training sessions in water quality at high schools, investigate & implement applied research, coordinate septic system "upgrades" & placement, provide opportunities to train & prepare for careers supporting sustained water quality & shellfish habitat.

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

- a. To bring fecal coliform counts below 14 colonies per site, the necessary number to open a flat.
- b. An increase in public awareness & H2O quality education.

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

The results will be measured by the number of households that will be funded by DEP to upgrade and/or install septic systems. Target 25 systems.

4. By what standard will you gauge success?

Actual production numbers both in the field and in the hatchery setting. The actual number of septic system upgrades & monitoring permits can be gauged.

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

The residents of as many as ten participating communities and several school districts will receive of the work of our participants (approximately 7,000-8,000 individuals)

COMMUNITY SERVICE OBJECTIVES

Objective 38

GRANTEE: USDA Natural Resources Conservation Service
Marine Education Center (4 Members - RDT)

SITE: Beals, Maine

SITE SUPERVISOR: Dwayne Shaw **PHONE:** (207) 497-5769 **COUNTY:** Washington

COMPONENTS OF OBJECTIVE STATEMENTS: Increase the number & types of shellfish that are reared at the Beals Island Regional Shellfish Hatchery in order to increase demonstration farm programs for individuals and communities.

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

Culturing shellfish larvae & juveniles, rearing microalgae, transporting shellfish to the field & conducting a regular sampling program with harvesters to assess effectiveness, attend meetings.

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

The communities place more emphasis on shellfish management and that more individuals begin to undertake clam farming as a viable option for a coastal occupation.

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

By regular sampling in the transplant sites to determine survival & growth of seeded shellfish; by comparing the number of individuals and communities involved in the project at the beginning & end.

4. By what standard will you gauge success?

By 15,000,000 juvenile clams being raised & 15 communities becoming involved in seeding flats.

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

Potentially more than 200.



UNITED
STATES
DEPARTMENT
OF AGRICULTURE

AUG 16 1995

TO : SED, Maine State CFSA Office
ATTN : Michael Tardy, AmeriCorps State Project Director
THRU : Acting Deputy Administrator for Program Delivery and Field Operations
SUBJECT: Approved for AmeriCorps Members for FY 96

This letter serves as your formal notification of approval to begin recruitment of members to serve in the AmeriCorps Program for FY 96. You are approved for the below listed project with positions as indicated:

PROJECT : Farm Water Quality Management
POSITIONS: 5
TYPE : Rural Development Team (RDT)

Attached are the objectives that have been agreed to between you, the USDA Office of National Service, and the Corporation for National and Community Service. These objectives serve as your contract and commitment for what you plan to accomplish during FY 96. If you are not in agreement with the objectives as attached, you need to contact me immediately.

Also attached is a list of your project site(s), operating site numbers and cluster sites.

When recruiting Members, remember to send in your assessment worksheet prior to making a firm commitment to anyone. With regards to any other recruitment questions, particularly questions relating to the media and press releases, contact Katherine Gibney at (202) 720-4369.

If you have any questions, please feel free to contact me at (202) 720-6350.


JOEL BERG
Director
National Service

Attachments

AMERICORPS SUMMARY
Maine

Project Manager
Michael Tardy
27 Westminster St.,
Lewiston, Maine 04240
Ph: (207) 783-9194
FAX: (207) 783-4101

STATE	OPERATING SITE NO.	# OF MEMBERS	TYPE	# OF CLUSTERS	# OF SITES
Maine	95ADFDCO47T23	5	RDT	3	5

CLUSTER SITE 1 PRESQUE ISLE

DUTY SITE 1 HOULTON (T23A)

of RDT Members 1

Site Supervisor Hudson (Bob) Berce

Phone # (207) 764-4151

FAX # (207) 764-5289

Duties Assess safety of water supply and develop ICM programs for local crop production.

CLUSTER SITE 2 CHERRYFIELD

DUTY SITE BANGOR (T23B)

of RDT Members 1

Site Supervisor William Moirs

Phone # (207) 947-3555

FAX # (207) 990-1957

Duties Assess safety of water supply and develop ICM programs for local crop production.

DUTY SITE BELFAST (T23C)

of RDT Members 1

Site Supervisor David Luce

Phone # (207) 338-2920

FAX # (207) 338-3069

Duties Assess safety of water supply and develop ICM programs for local crop production.

CLUSTER SITE 3 GORHAM

DUTY SITE LEWISTON (T23D)

of RDT Members 1

Site Supervisor Michael Tardy

Phone # (207) 783-9194

FAX # (207) 783-9140

Duties Assess safety of water supply and develop ICM programs for local crop production.

DUTY SITE SKOWHEGAN (T23D)

of RDT Members 1

Site Supervisor Jennifer Zweig

Phone # (207) 474-8323

FAX # (207) 474-0638

Duties Assess safety of water supply and develop ICM programs for local crop production.

2. SUMMARY PAGE:

The primary needs to be met under this objective by the establishment of this program are Farmstead activities have the potential to contaminate groundwater resources. There are many potential sources of contamination including pesticides and fertilizers, milkroom wastes, septic systems, and others. The key elements of the program design are focused on Farm families need to understand how their activities could impact local water resources and learn ways to avoid groundwater contamination. The University of Maine Cooperative Extension, Department of Food and Agricultural Resources, The Department of Environmental Protection, and The National Resources Conservation Service have adapted the original Farmstead Assessment materials developed by the University of Wisconsin and Minnesota Cooperative Extension Services. Evaluations done by other states have found that one-on-one farm visits are the most effective implementation method to get this information to the producers, and more importantly, through the follow-up, the necessary changes can be made on the farm.

The members of this RDT team will work in partnership with other members of their cluster, all of whom will be located in areas of high community service need and within 50 miles of each other for contact purposes. The administering organization is the Consolidated Farm Service Agency (CFSA). CFSA administers farm programs, such as conservation, production adjustment, risk management, farm loans, and other programs assigned by the Secretary. Primary program partners include: Natural Resources Conservation Service (NRCS), Soil and Water Conservation Districts (SWCD) and Cooperative Extension (CES).

3. OBJECTIVE #1

GRANTEE: CFSA

SITE: Aroostook, Androscoggin,
Penobscot, Somerset and Waldo

SITE SUPERVISORS:

Hudson Berce
Michael Tardy
William Moirs
Jennifer Zweig
David Luce

PHONE NUMBERS:

207-764-4151 Aroostook
207-783-9194 Androscoggin
207-947-3555 Penobscot
207-474-8323 Somerset
207-338-2920 Waldo

COMPONENTS OF OBJECTIVE STATEMENT: 1) Farmers will protect groundwater resources by better understanding the potential impacts that their farmstead activities may, and 2) farmers will make appropriate changes in practices, storage conditions, or other potential sources of contamination to prevent groundwater contamination.

- a. **What work will be done? What service will your members engage in?**
Americorps members will conduct one-on-one farmstead assessments on dairy and potato farms in five targeted areas in Maine. Following an intensive educational program, Americorps members will conduct farmstead assessments on dairy and potato farms in Maine. This educational program was first developed in Minnesota and Wisconsin. Designed as a pollution prevention tool, the Farmstead Assessment Program or Farm*A*Syst (FAS) program has been widely adopted in many states in the country. The program is a process whereby one evaluates the safety of the water supply from potential sources of pollution such as pesticide and fertilizer storage, septic system maintenance, silage and milkroom waste, and many other farm-related activities. The farmer, who is unaware of the problems that a particular activity may have, will be educated about the problem, and the FAS practitioner will provide the farmer/landowner with technical assistance to remedy the situation or well condition. The primary benefit to the community is that the groundwater resources of the area may be protected from fertilizer, pesticide, or other contamination sources.
- b. **What is the hoped for result of the activities described above?** The key to the project is education and action. The producer (family) once they understand the issues and the risks associated with the storage method, practice, etc., will make the appropriate changes to the high-risk situation. Following an extensive training period, I foresee Americorps members visiting an individual farm two or three times. Following an initial phone call to describe the plan to an interested farm family, the member would visit the farm, conduct the assessment, and make recommendations for corrective actions. Then, later the member would return to the farm to assess progress made and make any follow-up assessments.

- c. **How will you measure the success of the service provided?** All participating farm families will have a better understanding of water quality as a result of the FAS assessments. The volunteers will contact a minimum of 125 producers, and conduct assessments with these families. High risk activities will be identified and suggestions made to correct the situation. Of the total number of assessments made, 20% of the families will make corrections to the high or moderately high risk activity.
- d. **By what standard will you gage success?** The members will track what educational improvements their programs make with the individual producers. They will track the changes made by the producers.
- e. **How many individual will receive the benefits of the work your members provide?** During the member's time in the program, each member should make 30 contacts. At least 150 farm families will receive the benefits of the FAS program. The outcome will be safer drinking water for the farm family and nearby neighbors.

2. SUMMARY PAGE:

The primary needs to be met under this objective by the establishment of this program are To be able to produce crops successfully and profitably, farmers must be able to control many factors, including soil fertility, pest management, cultural practices, and cropping system development. This involves identification and selection of inputs, using site-specific information on the needs for these inputs. The rationale for developing farmers skills in carrying out these activities include both economic and environmental components. Input use by farmers, including nutrients, pesticides, labor, and capital, should be sufficient to meet crop requirements while maximizing the value of resources already on the farm (soil fertility, crop rotations, etc.). Purchase of excess inputs puts an economic burden on the producers and an environmental burden on local communities that place value on maintaining the quality of local water supplies.

The key elements of the program design are focused on the development of farmers' skills in Integrated Crop Management (ICM) addresses both economic and environmental objectives. Such development includes: observational skills to recognize production problems as they develop, identification of short- and long-term production problems, keeping and using relevant production records, and evaluating production alternatives. Members will participate in the development and delivery of educational programs on the principles of ICM. Members will also: work with local farmers to identify important crop production records and develop record-keeping strategies for these farms; and identify primary production problems and utilize records in making production decisions that minimize fertilizer and pesticide inputs.

The members of this RDT team will work in partnership with other members of their cluster, all of whom will be located in areas of high community service need and within 50 miles of each other for contact purposes. Consolidated Farm Service Agency (CFSA) administers farm programs, such as conservation, production adjustment, risk management, farm loans, and other programs assigned by the Secretary. Primary program partners include: Natural Resources Conservation Service (NRCS), Soil and Water Conservation Districts (SWCD) and Cooperative Extension (CES).

3. OBJECTIVE #2

Grantee: CFSA

SITE: Aroostook, Androscoggin,
Penobscot, Somerset and Waldo

SITE SUPERVISORS:

Hudson Berce
Michael Tardy
William Moirs
Jennifer Zweig
David Luce

PHONE NUMBERS:

207-764-4151 Aroostook
207-783-9194 Androscoggin
207-947-3555 Penobscot
207-474-8323 Somerset
207-338-2920 Waldo

COMPONENTS OF OBJECTIVE STATEMENT: Farmers will increase their understanding and use of Integrated Crop Management (ICM) strategies in production of predominant local crops. Participating farmers will increase their use of crop production records, and use such records to develop solutions to production problems, which minimize the use of purchased fertilizer and pesticides.

- a. **What work will be done? What service will your members engage in?** Members will work with local farmers, conservation districts, and cooperative extension faculty to develop, or expand existing, Integrated Crop Management (ICM) programs for predominant local crops. Members will be involved in the development and delivery of educational programs on ICM. Topics included in these educational programs include: record-keeping strategies for crop production (financial, labor and physical inputs, along with yield and quality of outputs); identification and prioritization of short- and long-term production problems; identification of factors that limit crop production and profitability and factors that have off-farm environmental implications; and evaluation of production alternatives that minimize the use of purchased fertilizer and pesticide inputs. Subsequently, each Member will work directly with 30 local farmers to identify important crop production records (including nutrient and pesticide use, crop rotations, and yield and quality information), and develop record-keeping strategies for these farms. Members will also work with farmers to identify primary production problems and utilize records in making production decisions that reduce production costs and minimize fertilizer and pesticide inputs.
- b. **What is the hoped for result of the activities described above?** All involved farms will demonstrate increased knowledge on the use of production records in making production decisions, as documented by surveys following educational activities.. At least one-half of involved farmers will identify potential changes in production practices as a result of Members' activities. Included will be description of production changes, potential reductions in fertilizer and/or pesticide purchases, and changes in net income as a result of changes.

- c. **How will you measure the quality or success of the service provided?** Farmers, involved agency personnel, and extension educators will be interviewed to determine the success of the program. Specifically, AmeriCorps members will document changes in record-keeping practices and use of information that has resulted in changes in production practices.
- d. **By what standard will you gage success?** The standard for success will be changes in farmers use of integrated crop management strategies, including use of relevant records to make production decisions, and subsequent changes in production practices.
- e. **How many individuals will receive the benefit of the work your members perform?** Thirty farmers per member will benefit directly, through individual work with each member. Indirectly, at least another 250 farmers will benefit through participation in associated educational programs.



UNITED
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OF AGRICULTURE

AMERICORPS/USDA

APPROVED OPERATING SITE OBJECTIVES

1995 - 1996 PROGRAM YEAR

MARYLAND

AMERICORPS SUMMARY
Maryland

Project Manager
Linda Adams
339 Busch's Vantage Rd
Annapolis, MD 21401
Ph: (410) 757-0861
FAX: (410) 757-0687

STATE	# OF MEMBERS	TYPE	# OF CLUSTERS	# OF SITES
Maryland	20	12 PL&E 8 RDT	2	2

Cluster Site 1: Waldorf

1A Duty Site: Waldorf
of RDT Members: 6
of PL&E Members: 0
Site supervisor: Don White
Phone #: (301) 932-4638
Fax #: (301) 932-4647

Y 24 A

Site 2: Washington, D.C.

2A Duty Site: Washington, D.C.
of RDT Members: 1
of PL&E Members: 6
Site supervisor: Unknown at this time
Phone #: (202) 274-6914
Fax #: (202) 274-6930
Duties: Renovate recreation centers

- Y 24 B

Site 3: Beltsville, MD

3A Duty Site: Beltsville
of RDT Members: 1
of PL&E Members: 6
Site supervisor: Unknown at this time
Phone #: (301) 504-8175
Fax #: (301) 504-8741
Duties: Public education, stream clean-up, erosion control projects

Y 24 C

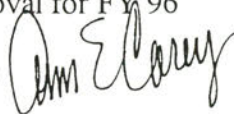


United States
Department of
Agriculture

Natural
Resources
Conservation
Service

P. O. Box 2890
Washington, D.C.
20013

October 30, 1995

SUBJECT: AmeriCorps Members Approval for FY 96
THRU: Ann Carey, Director, CARD 
TO: Jeri Berc, State Conservationist, NRCS, Maryland

This letter is to serve as your formal notification of approval for recruitment of members to serve in the AmeriCorps Program for FY 96. You are approved for the below listed projects with positions as indicated:

Project	Positions		
	FT	PT	TYPE
<u>Beltsville/DC</u>	1		RDT
Anacostia and Potomac River Watersheds Project	6		PL&E
<u>So. Maryland RC&D</u>			
Forestry Conservation	1		RDT
Dry Hydrant	1		RDT
Recycling	3		RDT
Oyster Replenishment	1		RDT
<u>Eastern Shore RC&D</u>			
Dry Hydrant	1		RDT
Environmental Ed Pemberton	1		RDT
TOTAL	15		

Attached are the objectives that have been agreed to between the State of Maryland, the USDA Office of National Service, and the Corporation for National and Community Service. These objectives serve as your contract and commitment for what you plan to accomplish during fiscal year 96. If you do not agree with the objectives as attached, you need to respond immediately.

Please send a list of the duty stations for each AmeriCorps member with the name of the site supervisor, address, phone and fax numbers so that we can finalize your project sites, and assign operating site numbers. Also indicate where the cluster meetings will be for AmeriCorps members.

When recruiting members, remember to send your assessment worksheet to Paula Cole Jones, NRCS Program Manager, by fax (202) 690-0639, before making a firm commitment to anyone.

If you have any questions, please contact Ms. Jones, at (202) 720-1853.

A handwritten signature in dark ink, appearing to read "Joel Berg". The signature is fluid and cursive, with the first name "Joel" and last name "Berg" clearly distinguishable.

JOEL BERG
Director
National Service

Attachments

cc: Diane Gelburd, Regional Conservation, East, NRCS
Linda Elben-Adams, AmeriCorps Project Director, NRCS, Maryland

COMMUNITY SERVICE OBJECTIVES

Objective 1

GRANTEE: USDA Natural Resources Conservation Service SITE: MD/DC
Anacostia & Potomac River Watersheds Project (10 Members - 8 PL&E/2 RDT)
SITE SUPERVISOR: PHONE: () COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Renovate & enhance recreation centers and parks in MD and DC.

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

Renovate public recreation centers & parks with practices such as pruning, landscaping, mulching, clean-up, carpentry, painting, tree planting, and others. Assist local residents in community gardening through composting projects, clean-up days, and planting projects. Develop partnerships with communities and/or local businesses for the Adopt-a-Park Program and hold clean up days with volunteers.

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

Four recreational centers and/or parks will be renovated. Three clean-up days will occur in partnership with local community and/or local businesses. 250 volunteers will be utilized

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

Will be measured and assured by Federal, State or city agency controlling land by review & inspection. Evaluation forms will be filled out by people in the community

4. By what standard will you gauge success?

Maintenance of 75% of the renovated recreation centers and parks will be adopted by local community groups and/or local businesses.

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

An estimated 10,000 individuals will benefit from recreation centers and parks renovated by Members.

COMMUNITY SERVICE OBJECTIVES
Objective 2

GRANTEE: USDA Natural Resources Conservation Service **SITE:** MD/DC
Anacostia & Potomac River Watersheds Project (10 Members - 8 PL&E/2 RDT)
SITE SUPERVISOR: **PHONE:** () **COUNTY:**

COMPONENTS OF OBJECTIVE STATEMENTS: To plan and implement environmental projects that help preserve and maintain natural resources serving the residents of MD and DC.

-
1. **What work will be done? What service activities will your participants engage in?**
Identifying water quality, fish habitat, streambank erosion and drainage problems through public information surveys. Conduct stream clean up days in partnership with community volunteers, youth groups, and local businesses. Tree planting along riparian zones. Identify, collect, and grow plant materials for use in bio-engineering projects.
 2. **What is the hoped for result of the work/activities described above?**
The projects targeted in sub-watersheds result in 15 storm drains stenciled, 1500 LF of stream cleaned up resulting in 200 tons of soil saved, and 3 acres of trees planted.
 3. **How will you measure the quality of your product or impact of your service?**
By NRCS standards and specifications and other professional experts. Evaluation forms will be filled out by people in the community.
 4. **By what standard will you gauge success?**
Reduction of streambank erosion by 200 tons of soil saved.
 5. **How many individuals will receive the benefit of the work your participants perform?**
An estimated 2,000 individuals will benefit from environmental projects installed by members.

COMMUNITY SERVICE OBJECTIVES

Objective 3

GRANTEE: USDA Natural Resources Conservation Service SITE: MD/DC
Anacostia & Potomac River Watersheds Project (10 Members - 8 PL&E/2 RDT)
SITE SUPERVISOR: PHONE: () COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Develop & construct or enhance environmental resources to be used by the publicly for environmental education and community outreach.

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

Establish and/or improve outdoor education facilities in MD & DC. Participate in teachers workshops to share ideas and be exposed to environmental education. Provide technical assistance to schools such as site surveys, landscape practices, and hands-on educational activities with students.

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

Education/interest generated by nearby residents in the importance of local natural resources.

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

Increased use of the site. The constructed or enhanced site will be utilized as part of an educational package for teaching.

4. By what standard will you gauge success?

Increased number & quality of environmental education facilities.

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

The population of the community served 6000 students, their parents, teachers, and local residents.

COMMUNITY SERVICE OBJECTIVES
Objective 4

GRANTEE: USDA Natural Resources Conservation Service
Southern (MD Forestry) (1 Member - RDT)
SITE SUPERVISOR:

SITE: MD/DC

PHONE: ()

COUNTY: Charles

COMPONENTS OF OBJECTIVE STATEMENTS: Establish program to plant forest buffers in Southern Maryland
Initiate a broad forest conservation program in the region
using existing resources and programs.

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

- A. Initiate program to promote the planting of forest buffers in riparian areas. Meet with federal and state agencies to learn about incentive programs and application process. Promote buffer plantings at landowners functions (e.g. farm tours, extension outings, dinners, Farm Bureau meetings and mailings, Co-Op newsletters, etc.). Provide direction of technical assistance to interested landowners in site evaluation, species selection, buffer design, application submittals, seedling orders and delivery, planting supervision, etc.
- B. Serve as liaison with the Maryland Forests Association (a private industry group of woodland landowners, private foresters, wood industries, and loggers). Maryland Department of natural Resources (DNR) foresters, local Forestry Boards, Tree Farm Committee, Extension Foresters, and the Maryland Eastern Shore RC&D Forester to develop and carry out a forest conservation program in southern Maryland.
- C. Coordinate a region-wide Forestry Seminar for woodlands landowners to improve their management and conservation skills.
- D. Organize and schedule training sessions of the new statewide Master Logger Program in Southern Maryland. Promote individual workshops to loggers. Track and maintain attendance records. Visit program participants in field for follow-up assistance and evaluation. Promote program to landowners, MFA, mill owners, loggers, and landowners.
- E. Initiate outreach program to reach forest landowners who do not have forest management plans and refer them to public and private foresters.
- F. Initiate Project Learning Tree for local schools.
- G. Initiate outreach program to involve more landowners in gypsy moth inventory program.

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

Increased use of best management practices by landowners and loggers. Increased participation in gypsy moth inventories by landowners and in Project Learning Tree by schools.

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

A. Formal review of completed projects by professionals in the field. B. Performance evaluation by professionals in the field and project partners. C. Customer surveys.

4. By what standard will you gauge success?

A. Planting of 5 buffer areas. B. Completion of 2 Master Logger workshops in the region. C. Initiation of one new RC&D project developed by AmeriCorps member in consultation with program partners. D. Attendance of at least 50 forest landowners at forestry seminar. E. Referral of 5 landowners without forest management plans to local foresters. F. Additional 5 landowners assisting with gypsy moth inventories. G. Additional 3 schools using Project Learning Tree materials.

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

A. 50+ landowners attending forestry seminar. B. 100+ loggers in the region who will be able to participate in the statewide Master Logger Program. C. 200+ members of the Maryland Forest Association, 15 members of the 3 local Forestry Boards, and 50+ members of the local Tree Farm committee who will benefit from having an AmeriCorps forester available to carry out conservation programs with them. All of these organizations are volunteer groups with no staffs of their own. D. Approximately 4500 forest landowners in region benefiting from more effective gypsy moth control. E. 100 additional benefiting from Project Learning Tree curricula.

COMMUNITY SERVICE OBJECTIVES
Objective 5

GRANTEE: USDA Natural Resources Conservation Service
Southern MD (Recycling) (3 Members - RDT)

SITE: MD/DC

SITE SUPERVISOR: Don White PHONE: (301) 932-4638

COUNTY: 1-Calvert; 2- Charles; 3-St Mary;s

COMPONENTS OF OBJECTIVE STATEMENTS: Greatly expand recycling program in the three counties.

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

Develop a recycling curriculum for elementary, middle and high school students. Coordinate expanded public education program on recycling. In Charles county, initiate Save Our Streams, Master Composter, and Adopt-a-Dump programs and expand Adopt-a-County Road Program.

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

Expanded recycling program in Charles & Calvert counties. Development of a county-supported recycling program in St. Mary's County. Increased citizen participation in the counties' voluntary recycling programs.

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

Formal review of completed projects by professionals in the field. Performance evaluation by professionals in the field and project partners. Customer surveys.

4. By what standard will you gauge success?

- 1 - Increase the recycling rate in Calvert County by at least 7%, reducing solid waste by 370 tons per yr.
- 2 - Increase the recycling rate in Calvert County by at least 7%, reducing solid waste by 650 tons per yr.
- 3 - Increase the recycling rate in Calvert County by at least 7%, reducing solid waste by 490 tons per yr.

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

1. 51,372 residents of Calvert County (1990 Census) will benefit economically from extending the life span of local landfills.

2 - 101,154 residents of Charles County (1990 Census) will benefit economically from extending the life span of local landfills.

3 - 75,974 residents of St. Mary's County (1990 Census) will benefit economically from extending the life span of local landfills.

COMMUNITY SERVICE OBJECTIVES

Objective 6

GRANTEE: USDA Natural Resources Conservation Service
Southern MD Dry Fire Hydrant {1 Member - RDT}

SITE: MD

SITE SUPERVISOR: Don White PHONE: (301) 932-4638 COUNTY: Calvert, Charles & St Mary's

COMPONENTS OF OBJECTIVE STATEMENTS: Dry Fire Hydrant

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

1. Contact all Southern MD VFDs and let them know about RC&D Dry Hydrant Program opportunity.
2. Follow-up with interested departments. Provide them with copies of NRCS Dry Fire Hydrant manual to select suitable sites and develop water supply plan grid of dry hydrants.
3. Assist VFDs with developing suitable landowner agreements and getting landowners to sign them.
4. Assist coordinator with dry hydrant documentation including: invoices for materials, slides of installation, designs, landowners agreements, and regional map showing all hydrants installed.

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

1. Improved capacity of rural VFDs to fight fires. A network of dry fire hydrants will enable them to deliver more water to a fire more quickly. They will also be able to deliver water with fewer firefighters and will have a year-round access to water bodies that they now lack.
2. Expand dry hydrant program to include 6 more Volunteer Fire Depts. In So. MD 3 are currently participating.
3. Expand coverage to include at least 1 VFD in Calvert county to serve as model for other departments there. There has traditionally been more resistance to this technology than in the other Southern MD counties.

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

Increased participation by local VFDs, landowners. Longer term, impact can be documented by the lowering of rural fire insurance rates. In most of the Southern Maryland region, homeowners pay the highest rates allowed by law.

4. By what standard will you gauge success?

Formal review of completed projects by professionals in the field. Performance evaluation by professionals in the field and project partners. Customer surveys.

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

About 101,154 residents in Charles County, 75,974 in St. Mary's County, and 51,372 in Calvert County (1990 census) will benefit from this improved fire protection.

**SOUTHERN MARYLAND RC&D
AMERICORPS RURAL DEVELOPMENT TEAM
OYSTER REPLETION TEAM MEMBER ADDENDUM**

OBJECTIVES - COMMUNITY BUILDING OBJECTIVE

1. WHAT WORK WILL BE DONE? WHAT COMMUNITY BUILDING ACTIVITIES WILL YOUR PARTICIPANTS ENGAGE IN?

1. Develop a roster of watermen willing to work on specific restoration projects in the Patuxent River.
2. Complete waterman survey to map current extent of existing oyster bars in the Patuxent River.
3. Work with local watermen, Maryland Department of Natural Resources and Oyster Recovery Partnership to target specific oyster bars for restoration.
4. Design restoration projects to rebuild oyster bars in Patuxent River to their historic size using recovered shell and existing equipment and boats.
5. Coordinate oyster shell recovery program for use in restoration projects.
6. Schedule and coordinate restoration projects.
7. Develop and implement a monitoring program.

2. WHAT IS THE HOPED FOR RESULT OF THE WORK/ACTIVITIES DESCRIBED ABOVE?

1. Recover 2400 bushels of discarded oyster shell.
2. Rebuild about 20 acres of oyster bars in the Patuxent River using recovered shell (120 bushels/acre average shelling rate).

3. HOW WILL YOU MEASURE THE QUALITY OF YOUR PRODUCT OR IMPACT OF YOUR SERVICE?

1. Increased acreage of oyster set on restored bars.
2. Increased oyster catch from restored oyster bars in subsequent harvest years.

4. BY WHAT STANDARD WILL YOU GAUGE SUCCESS?

1. Formal review of completed projects by professionals in the field.
2. Performance evaluation by professionals in the field and project partners.
3. Customer surveys.
4. Successful implementation or planned implementation of programs developed.

5. HOW MANY INDIVIDUALS WILL RECEIVE THE BENEFIT OF THE WORK YOUR PARTICIPANTS PERFORM?

101,154 residents in Charles County, 75,974 in St. Mary's County, and 51,372 in Calvert County (1990 census) will benefit from improved oyster habitat and increased filtration of Chesapeake Bay waters by increased numbers of oysters. 178 oyster leaseholders in 3 Southern Maryland counties will benefit from improved oyster harvests which was one of their principle sources of income only a few years ago. About 1000 additional employees depend for at least part of their income on oyster harvest and shucking activities which would increase with restored oyster populations.

Before the turn of the century, over 10 million bushels of oysters were harvested annually in Maryland. During the past 30 years, oyster harvests in Maryland have ranged from 3.2 million bushels in 1973 to only 124,000 bushels in 1993. The oyster harvest declined from 2,500,000 bushels 10 years ago to just 124,000 bushels in 1993. Harvests are now at an all-time low. The fishery is restricted to a few areas where legal sized oysters can be harvested. These are generally low salinity areas, where natural recruitment (spat set) is low and unpredictable..

The parasites Dermo and MSX have been the principal cause of this rapid decline but predators, loss of habitat, chemical pollution and siltation have all been contributing factors. Dermo (*perkinsus marinus*) and MSX (*Haplosporidium nelsoni*) are protozoans that infect oysters but have no effect on humans. Dermo has its largest impact on oyster populations as they reach market size. MSX does more damage to younger oysters. The strongest factors affecting the prevalence of oyster diseases are temperature and salinity.

This rapid decrease in the Bay's oyster population has had serious consequences for its water quality. Oysters filter water as they feed. In the process they remove sediment and oxygen depleting algae. An oyster can filter up to 50 gallons of water a day.

There are no known cures for these diseases. The only strategy presently available for protecting oysters from disease is to move "seed" oysters (less than one year old) to areas where the diseases are less virulent. These areas are in the less saline reaches of tributaries and the upper Chesapeake Bay. Growth of seed oysters is slower in the upper Bay than in traditional lower Bay harvest areas, but low salinity suppresses the diseases' virulence and allows many of the oysters to grow to a market size. The ability of this strategy to maintain harvests or populations is dependent on the availability of large quantities of seed oysters. Low salinity areas rarely produce a good natural set of young oysters so without seed supplements, these areas cannot produce continuing harvests.

In the summer of 1993, the State of Maryland convened the Oyster Roundtable to address major concerns about how to bring oyster stocks in Maryland's Chesapeake Bay back to economically and ecologically healthy levels. Roundtable members include aquaculturists, environmentalists, legislators, scientists, watermen and members of the Department of Natural Resources, Agriculture, the Environment and the Governor's office.

The goal of the Roundtable is to develop recommendations that will guide the recovery of oyster populations in the Chesapeake Bay.

The objectives are:

- Maximize and enhance the ecological benefits of oysters
- Maximize and enhance the economic benefits derived from harvesting in the public and private oyster fisheries
- Maximize the ability of government to respond effectively to the problem.

With the establishment of Oyster Recover Areas (ORAs) throughout the Bay, the Roundtable hopes to carry out and evaluate different methods to rehabilitate, rebuild, plant and otherwise restore oyster populations while at the same time evaluating the effectiveness of the quarantine concept. Six major tributaries have been designated as the initial rivers to include the ORA's. These are the Chester, Choptank, Magothy, Nanticoke, Patuxent and Severn Rivers.

The Oyster Recovery Partnership is a nonprofit organization which develops and implements projects to restore oyster habitat, support the public fishery, and demonstrate alternative private aquaculture methods. The Partnership has developed an implementation schedule for a variety of activities. Some of these are on-going activities. Many will be new

initiatives. Use of an Americorps team member will allow the Partnership to extend oyster bar surveys and restoration efforts to the Patuxent River, one of the designated Oyster Recovery Areas. Without this member the Partnership would be unable to extend its work to the Patuxent. The Patuxent is also a designated Wild and Scenic River.

The project will also carry out a public demonstration project offshore of Sotterley Mansion on an existing oyster bar leasehold build in the Patuxent River. The demonstration will compare oyster growth with traditional bar restoration technology, off-bottom box and floating rack designs. All of the technology used builds on earlier research and successes in other areas and attempts to put that knowledge to practical use locally. Most local aquaculturists and watermen are unfamiliar with the off-bottom and floating rack designs.

DESIGN

This project is designed to be flexible and can be adjusted to fit available resources. The recycling, forest conservation, dry hydrant and Envirothon programs are each stand alone items. If an Americorps team is not approved for one program it does not affect the viability of the others.

Americorp team members will be asked to focus on the needs and objectives documented in this proposal. The objectives will be formalized in job descriptions and performance standards developed by cooperating organizations in consultation with team members and the Southern Maryland RC&D Coordinator. The entire team will meet together bimonthly with the Coordinator to monitor progress and make mid-course corrections. The team members will be asked to document project progress on a quarterly basis and provide copies to their supervisor and the Coordinator.

BUDGET

All of the following items will be supplied by the local partners as outlined in the rest of this proposal. They will be supplied either as in-kind contributions or cash payments by the partners to vendors. The only Americorps expenses will be the customary team member stipend, health care and child care costs, and educational grant.

<u>ITEM</u>	<u>COST</u>
All Programs	
Training (\$2000/member).....	\$18,000
Transportation(4000 miles/yr./member X 25c/mi).....	\$9,000*
Office Space/Utilities (\$200/month/member).....	\$21,600
Office Supplies(\$20/month/member).....	\$2,160
Administration (\$800/ member).....	\$7,200
Equipment and Miscellaneous Supplies (\$100/member)....	\$900

TOTAL	\$58,860

The Oyster Recovery Partnership will provide office space and mileage payments to support the oyster repletion team member.

**CORPORATION FOR NATIONAL SERVICE
RURAL DEVELOPMENT CORPS
AMERICORPS TEAM PROPOSAL**

**Environmental Educational Objective
Pemberton Historic Park**

**Grantee: U.S. Department of Agriculture
Natural Resources Conservation Service
Maryland Eastern Shore RC&D Council, Inc.**

Site: Salisbury, Maryland

SUMMARY

An Americorps team of 1 member is requested to carry out a rural development mission on the Eastern Shore of Maryland. Partners in the Environmental Education Program include Pemberton Historic Park.

The Environmental Education program purpose is to provide conservation and environmental education to students at all grade levels, to the general public, and offer hands-on experiences which result in environmental improvement. The Eastern Shore is so spread out that regional centers are needed in the upper shore, mid shore, and lower shore. This position will fill the Lower Shore need.

The Maryland Eastern Shore RC&D is a private non-profit corporation which has been carrying out conservation projects since 1981. The RC&D will administer the program and complete necessary reports. The coordinator will serve as overall team supervisor.

MISSION

The mission of the team consists of providing leadership in coordinating community-based conservation of natural resources through instruction and field experience which will enable students and the community at-large to appreciate our local natural resources and how they interact in our environment.

NEEDS

Maryland's state mandate for environmental education in public schools requires educators to develop hands-on teaching experiences. There are limited opportunities on the Eastern Shore for training in conservation topics. The few environmental centers on the Eastern Shore must adapt to these guidelines and, in many cases, help in curriculum development. In addition, it is widely recognized that field experience and hands-on activities are vital tools to enhance classroom learning. To many existing programs are hit-and-miss and short term. A great need exists for year-round programming.

OBJECTIVES - COMMUNITY SERVICE OBJECTIVE

To provide leadership in coordinating community-based conservation of natural resources through instruction and field experience which will enable students and the community to appreciate our local natural resources and how they interact in the environment.

1. WHAT WORK WILL BE DONE? WHAT COMMUNITY BUILDING ACTIVITIES WILL YOUR PARTICIPANTS ENGAGE IN?

Teach K-12th grade students from both public and private schools; be a summer camp teacher/counselor; supervise habitat enhancement plantings; trail maintenance; special events preparation (exhibits, displays); develop curriculum for schools and field study guides; coordinate field trips and outdoor experiences; develop sites to serve as field study areas.

2. WHAT IS THE HOPED FOR RESULT OF THE WORK/ACTIVITIES DESCRIBED ABOVE?

Increase the number of students served by 20%; increase the number of teachers trained by 10%; assist with public events; environmental education curriculum developed and in place; new sites developed for use by schools and the public.

3. HOW WILL YOU MEASURE THE QUALITY OF YOUR PRODUCT OR IMPACT OF YOUR SERVICE?

Increase in the number of participating students; new education programs developed; teacher and student evaluations; new site improvements.

4. BY WHAT STANDARD WILL YOU GAUGE SUCCESS?

Number of students taught; evaluations; increase in participation at public events; improvements to physical sites.

5. HOW MANY INDIVIDUALS WILL RECEIVE THE BENEFIT OF THE WORK YOUR PARTICIPANTS PERFORM?

800 at-risk and under-served students; 15,000 additional public and private students; 600 teachers, 10,000 additional citizens, both adult and children.

CONCEPT

The participating partner has agreed to provide all office space, supplies, transportation, and technical supervision, and to share participants as needed based on skill levels and prior experience.

BUDGET

All of the following items will be supplied by the local partners as in-kind contributions or cash payments to vendors. The only Americorps expense will be the customary team member stipend, health care, and child care costs.

ITEM	COST/MEMBER	COST/TEAM
Office	\$ 600	\$ 4,800
Phone	300	2,400
Macintosh Computer	2,000	4,000
Software	500	1,000
Printer	1,500	3,000
Supplies	400	3,200
Travel	1,000	8,000
Resource Materials	2,000	2,000
Inservice	500	4,000
Workshops/Training		
TOTAL	\$ 8,800	\$ 32,400

SERVICE ACTIVITIES

Teach students and teachers; provide field trips; develop curriculum and field guides; supervise trail maintenance, marsh grass planting, tree planting, and other hands-on environmental activities.

RELATION TO NEED

The service activities outlined above directly produce the products to satisfy the identified needs.

PARTICIPANT TRAINING AND SUPPORT

The Americorps participant will be trained and educated by various private organizations as well as local, state, and federal agencies that serve the program area. The representative will receive extensive training about the specific components of the environment in the area in which they are to work, as well as other places of environmental interest, particularly in regards to the Chesapeake Bay. The program leaders will serve as important co-workers with a team member as they are trained.

PARTICIPANT PLACEMENT AND SUPERVISION

The team member will be provided with ample office space, supplies, including the use of a computer, fax machine, copier, and telephone. Some team members will have the use of an organizational vehicle and others mileage at 30 cents per mile. Direct supervision on a daily basis will be provided by the director of the host organization. The RC&D Coordinator will be the overall project director. The Americorps team member will attend monthly team meetings to exchange information and monitor progress.

Diversity of team members will be sought by several methodologies:

1. Advertising positions in local newspapers; ads will include the USDA nondiscrimination statement.
2. Outreach to local minority organizations.
3. Recruitment through local colleges: Chesapeake College, Washington College, Salisbury State, UMES.

**CORPORATION FOR NATIONAL SERVICE
RURAL DEVELOPMENT CORPS
AMERICORPS TEAM PROPOSAL**

**Public Safety Objective
Dry Hydrants for Rural Fire Protection**

Grantee: U.S. Department of Agriculture
Natural Resources Conservation Service
Maryland Eastern Shore RC&D Council, Inc.

Site: Easton, Maryland

SUMMARY

An Americorps team of 1 member is requested to carry out a rural development mission of developing and implementing eight county-wide dry hydrant programs on the Eastern Shore of Maryland. Partners in the Maryland Eastern Shore RC&D Public Safety or Dry Hydrant Program include the local fire chiefs, their volunteer fire fighters, the Emergency Management Staff, community associations, officers and residents, the Delmarva Fire Management Group, local forest rangers, and the Maryland and Eastern Shore volunteer Fire Fighters Association.

The purpose of the project is to improve public safety by augmenting the fire fighting capabilities of approximately 80 fire companies. Dry hydrants will provide quick and easy hook-up to ample supplies of water, reduce the threat to life, limb, and property, and reduce insurance premiums to the residents of rural areas, freeing up dollars for use in other areas of the economy.

The Americorps team member will work in nine counties with 80 individual fire companies, the Emergency Management Team and the Fire Chiefs Association. The main purpose of the liaison with these groups by Americorps is to **CREATE AN OVERALL PLAN** for eight counties for the installation of dry hydrants. The team member will develop a plan which will spell out the materials required for each location, estimated cost, and a detailed drawing. The team member will be responsible for soliciting grants for the hydrants by preparing a suitable grant proposal documenting the need for dry hydrants, the objectives, the methods to be used to implement the program, the budget, and potential future funding.

MISSION

The mission of the team is to provide a system of dry hydrants throughout each fire district so that water is readily accessible.

NEEDS

The Maryland Eastern Shore RC&D is assisting approximately 80 rural volunteer fire departments with a public safety program designed to improve their rural fire fighting capabilities in nine counties. Our goal is to make their fire fighting capabilities as efficient as possible. Many of these counties are experiencing population increases, with many of these new residents living beyond domestic water lines. Providing adequate fire protection to the rural residents of these nine counties has become a serious problem.

Needless to say, all the fire companies we are dealing with are "volunteer" fire companies, and anything we can do to make their jobs safer and more efficient will justify the sacrificial effort they put in. Limited dollars earned by the individual fire companies are often through fund raising such as bake sales, barbecue dinners, and Bingo. Dry fire hydrants will decrease their expenditures for fuel allowing this money to be spent for additional training and better equipment for the fire fighters.

The RC&D provides funding searches, grantwriting and grant administration to the volunteer fire departments. To date, the RC&D has received a \$10,000 grant for the implementation of these hydrants. In order to "double our money", we are offering a grant of \$650 (cost of materials for one dry hydrant) to local counties only if they match it with another \$650. In this way the original grant is doubled.

OBJECTIVES - COMMUNITY SERVICE OBJECTIVE

Work with local VFDs in developing county-wide dry hydrant systems.

1. WHAT WORK WILL BE DONE? WHAT COMMUNITY BUILDING ACTIVITIES WILL YOUR PARTICIPANTS ENGAGE IN?

Visit each fire chiefs association in eight counties; visit all fire companies; survey dry fire hydrant locations; prepare a detailed technical plan for each hydrant; and prepare an overall county-wide plan for dry hydrants.

2. WHAT IS THE HOPED FOR RESULT OF THE WORK/ACTIVITIES DESCRIBED ABOVE?

Improvement of fire fighting capabilities in each company; decreased fuel consumption; decreased use of processed town water; and increased potential for saving life and property.

3. HOW WILL YOU MEASURE THE QUALITY OF YOUR PRODUCT OR IMPACT OF YOUR SERVICE?

Complete eight county-wide dry hydrant plans; survey and prepare plans for approximately 45 dry hydrants; and install 24 dry hydrants or approximately three per county.

4. BY WHAT STANDARD WILL YOU GAUGE SUCCESS?

Formal review of plans by local chiefs associations; formal review of installation sites by local VFDs; overview by the Delmarva Fire Management Group and the Maryland Firemens Association.

5. HOW MANY INDIVIDUALS WILL RECEIVE THE BENEFIT OF THE WORK YOUR PARTICIPANTS PERFORM?

Each and every homeowner, business and commercial establishment in the service area of the hydrant will benefit; eight counties; approximately 80 fire companies; and the Delmarva Fire Management Group.

DESIGN

The needs were identified in each county by a team consisting of the local fire chiefs, their volunteer firefighters, the Emergency Management Staff, local marina operators, community associations, officers and residents, the Delmarva Fire Management Group, and local forest rangers. During the year in which the Americorps team member will work, he or she will meet initially with each county fire chiefs association to distribute questionnaires which will require the firemen to document the need for specific location of hydrants, show a dry hydrant video, and display the typical "kit" for dry hydrants. The volunteer firemen will make the estimate as to quantity and cost of materials and help in securing funds. Once sites are located, the crew member will survey the site, prepare a plan, and develop detailed bill of materials and cost estimates. Once funds are obtained, the firemen will obtain a donated backhoe and provide their own labor for installation. The Americorps crew member will supervise installation and certify to its adequate installation.

CONCEPT

The Maryland Eastern Shore RC&D partners in this project include the 80 local fire departments, the nine county chiefs associations, the Delmarva Fire Management Group, the Maryland and Eastern Shore Firemen's Association, the nine-county Emergency Management Teams, and the forest rangers in each county. This program is based on the one county which has prepared a plan and seen the visible results of installation. Time has not allowed the other eight counties to be planned or to even start installation. This

Americorps opportunity of one year will allow the RC&D Council and the fire groups to show a successful partnership resulting in implemented projects and greatly increasing their potential for securing foundation and corporate grants in the future.

BUDGET

All of the following items will be supplied by the local partners as in-kind contributions or cash payments to vendors. The only Americorps expense will be the customary team member stipend, health care, and child care costs.

ITEM	COST/MEMBER	COST/TEAM
Office	\$ 600	\$ 4,800
Phone	300	2,400
Macintosh Computer	2,000	4,000
Software	500	1,000
Printer	1,500	3,000
Supplies	400	3,200
Travel	1,000	8,000
Resource Materials	2,000	2,000
Inservice	500	4,000
Workshops/Training		
TOTAL	\$ 8,800	\$ 32,400

SERVICE ACTIVITIES

Inventory dry hydrant needs in 8 counties, 80 volunteer fire departments; prepare a plan for each VFD and an overall plan for each county; survey, layout, supervise, and certify installation of the hydrants; carry out repair of existing hydrants; coordinate and facilitate local meetings; write grant proposals to fund at least 27 hydrants; prepare dry hydrant portion of RC&D exhibit;

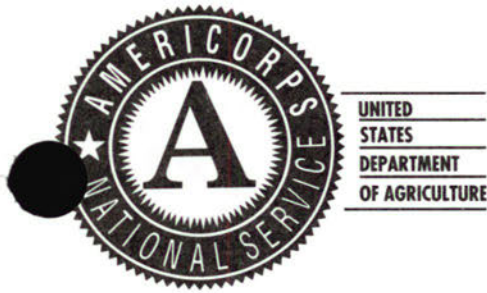
PARTICIPANT PLACEMENT AND SUPERVISION

The team member will be provided with ample office space, supplies, including the use of a computer, fax machine, copier, and telephone. Some team members will have the use of an organizational vehicle and others mileage at 30 cents per mile. Direct supervision on a daily basis will be provided by the director of

the host organization. The RC&D Coordinator will be the overall project director. The Americorps team member will attend monthly team meetings to exchange information and monitor progress.

Diversity of team members will be sought by several methodologies:

1. Advertising positions in local newspapers; ads will include the USDA nondiscrimination statement.
2. Outreach to local minority organizations.
3. Recruitment through local colleges: Chesapeake College, Washington College, Salisbury State, UMES.



October 27, 1995

SUBJECT: Approval of AmeriCorps Objectives for Maryland and Proposed Site Change

TO: Joel Berg, Director AmeriCorps USDA

Due to staffing changes in the NRCS reorganization, Maryland has proposed to combine the Beltsville and DC teams and to reduce the number of members to seven. The team will be located in Beltsville, but will complete objectives for both sites. Lillian Woods has been promoted to Assistant State Conservationists for Operations in Indiana.

Enclosed are the remaining objectives for the Rural Development Teams. Both project managers are Return Peace Corps Volunteers. I am interested to see what they will bring to the AmeriCorps program. You have already approved the objectives for Forester, Dry Hydrants and Recycling. New objectives for Oyster replenishment have been written to replace the proposed museum work. New objectives are also included here for the Eastern Shore.

Your approval will complete the objectives for Maryland and they can continue with recruitment and selection.

Please call me on 720-7846 with your response.

Sincerely,

Paula Cole Jones

PAULA COLE JONES
National Service
and Volunteer Programs

**AmeriCorps 1996
MARYLAND/D.C.**

Altnerative 3:

	<u>Rural Development</u>	<u>Corps</u>	
Beltsville (Housed) Will complete objectives for Beltsville/D.C.	1 Team Leader	6	
Southern MD RCD	1 Forester 1 Dry Hydrant 3 Recycling Coord. 1 Oyster Replenishment		
Eastern Shore RCD**	1 Dry Hydrant 1 Env. Education Pemberton		
Total Members	-- 9 ==	-- 6 ==	= 15*

* Note: We have a team of 5 in Centreville, MD w/95 funds.

** Cluster will be coordinated with RECD Eastern Shore of MD and VA.

**SOUTHERN MARYLAND RC&D
AMERICORPS RURAL DEVELOPMENT TEAM
OYSTER REPLETION TEAM MEMBER ADDENDUM**

OBJECTIVES - COMMUNITY BUILDING OBJECTIVE

1. WHAT WORK WILL BE DONE? WHAT COMMUNITY BUILDING ACTIVITIES WILL YOUR PARTICIPANTS ENGAGE IN?

1. Develop a roster of watermen willing to work on specific restoration projects in the Patuxent River.
2. Complete waterman survey to map current extent of existing oyster bars in the Patuxent River.
3. Work with local watermen, Maryland Department of Natural Resources and Oyster Recovery Partnership to target specific oyster bars for restoration.
4. Design restoration projects to rebuild oyster bars in Patuxent River to their historic size using recovered shell and existing equipment and boats.
5. Coordinate oyster shell recovery program for use in restoration projects.
6. Schedule and coordinate restoration projects.
7. Develop and implement a monitoring program.

2. WHAT IS THE HOPED FOR RESULT OF THE WORK/ACTIVITIES DESCRIBED ABOVE?

1. Recover 2400 bushels of discarded oyster shell.
2. Rebuild about 20 acres of oyster bars in the Patuxent River using recovered shell (120 bushels/acre average shelling rate).

3. HOW WILL YOU MEASURE THE QUALITY OF YOUR PRODUCT OR IMPACT OF YOUR SERVICE?

1. Increased acreage of oyster set on restored bars.
2. Increased oyster catch from restored oyster bars in subsequent harvest years.

4. BY WHAT STANDARD WILL YOU GAUGE SUCCESS?

1. Formal review of completed projects by professionals in the field.
2. Performance evaluation by professionals in the field and project partners.
3. Customer surveys.
4. Successful implementation or planned implementation of programs developed.

5. HOW MANY INDIVIDUALS WILL RECEIVE THE BENEFIT OF THE WORK YOUR PARTICIPANTS PERFORM?

101,154 residents in Charles County, 75,974 in St. Mary's County, and 51,372 in Calvert County (1990 census) will benefit from improved oyster habitat and increased filtration of Chesapeake Bay waters by increased numbers of oysters. 178 oyster leaseholders in 3 Southern Maryland counties will benefit from improved oyster harvests which was one of their principle sources of income only a few years ago. About 1000 additional employees depend for at least part of their income on oyster harvest and shucking activities which would increase with restored oyster populations.

Before the turn of the century, over 10 million bushels of oysters were harvested annually in Maryland. During the past 30 years, oyster harvests in Maryland have ranged from 3.2 million bushels in 1973 to only 124,000 bushels in 1993. Harvests are now at an all-time low. The fishery is restricted to a few areas where legal sized oysters can be harvested. These are generally low salinity areas, where natural recruitment (spat set) is low and unpredictable..

The parasites Dermo and MSX have been the principal cause of this rapid decline but predators, loss of habitat, chemical pollution and siltation have all been contributing factors. Dermo (*perkinsus marinus*) and MSX (*Haplosporidium nelsoni*) are protozoans that infect oysters but have no effect on humans. Dermo has its largest impact on oyster populations as they reach market size. MSX does more damage to younger oysters. The strongest factors affecting the prevalence of oyster diseases are temperature and salinity.

This rapid decrease in the Bay's oyster population has had serious consequences for its water quality. Oysters filter water as they feed. In the process they remove sediment and oxygen depleting algae. An oyster can filter up to 50 gallons of water a day.

There are no known cures for these diseases. The only strategy presently available for protecting oysters from disease is to move "seed" oysters (less than one year old) to areas where the diseases are less virulent. These areas are in the less saline reaches of tributaries and the upper Chesapeake Bay. Growth of seed oysters is slower in the upper Bay than in traditional lower Bay harvest areas, but low salinity suppresses the diseases' virulence and allows many of the oysters to grow to a market size. The ability of this strategy to maintain harvests or populations is dependent on the availability of large quantities of seed oysters. Low salinity areas rarely produce a good natural set of young oysters so without seed supplements, these areas cannot produce continuing harvests.

In the summer of 1993, the State of Maryland convened the Oyster Roundtable to address major concerns about how to bring oyster stocks in Maryland's Chesapeake Bay back to economically and ecologically healthy levels. Roundtable members include aquaculturists, environmentalists, legislators, scientists, watermen and members of the Department of Natural Resources, Agriculture, the Environment and the Governor's office.

The goal of the Roundtable is to develop recommendations that will guide the recovery of oyster populations in the Chesapeake Bay.

The objectives are:

- Maximize and enhance the ecological benefits of oysters
- Maximize and enhance the economic benefits derived from harvesting in the public and private oyster fisheries
- Maximize the ability of government to respond effectively to the problem.

With the establishment of Oyster Recover Areas (ORAs) throughout the Bay, the Roundtable hopes to carry out and evaluate different methods to rehabilitate, rebuild, plant and otherwise restore oyster populations while at the same time evaluating the effectiveness of the quarantine concept. Six major tributaries have been designated as the initial rivers to include the ORA's. These are the Chester, Choptank, Magothy, Nanticoke, Patuxent and Severn Rivers.

The Oyster Recovery Partnership is a nonprofit organization which develops and implements projects to restore oyster habitat, support the public fishery, and demonstrate alternative private aquaculture methods. The Partnership has developed an implementation schedule for a variety of activities. Some of these are on-going activities. Many will be new

initiatives. Use of an Americorps team member will allow the Partnership to extend oyster bar surveys and restoration efforts to the Patuxent River, one of the designated Oyster Recovery Areas. Without this member the Partnership would be unable to extend its work to the Patuxent. The Patuxent is also a designated Wild and Scenic River.

The project will also carry out a public demonstration project offshore of Sotterley Mansion on an existing oyster bar leasehold build in the Patuxent River. The demonstration will compare oyster growth with traditional bar restoration technology, off-bottom box and floating rack designs. All of the technology used builds on earlier research and successes in other areas and attempts to put that knowledge to practical use locally. Most local aquaculturists and watermen are unfamiliar with the off-bottom and floating rack designs.

DESIGN

This project is designed to be flexible and can be adjusted to fit available resources. The recycling, forest conservation, dry hydrant and Envirothon programs are each stand alone items. If an Americorps team is not approved for one program it does not affect the viability of the others.

Americorp team members will be asked to focus on the needs and objectives documented in this proposal. The objectives will be formalized in job descriptions and performance standards developed by cooperating organizations in consultation with team members and the Southern Maryland RC&D Coordinator. The entire team will meet together bimonthly with the Coordinator to monitor progress and make mid-course corrections. The team members will be asked to document project progress on a quarterly basis and provide copies to their supervisor and the Coordinator.

BUDGET

All of the following items will be supplied by the local partners as outlined in the rest of this proposal. They will be supplied either as in-kind contributions or cash payments by the partners to vendors. The only Americorps expenses will be the customary team member stipend, health care and child care costs, and educational grant.

<u>ITEM</u>	<u>COST</u>
All Programs	
Training (\$2000/member).....	\$18,000
Transportation(4000 miles/yr./member X 25c/mi).....	\$9,000*
Office Space/Utilities (\$200/month/member).....	\$21,600
Office Supplies(\$20/month/member).....	\$2,160
Administration (\$800/ member).....	\$7,200
Equipment and Miscellaneous Supplies (\$100/member)....	\$900

TOTAL	\$58,860

The Oyster Recovery Partnership will provide office space and mileage payments to support the oyster repletion team member.

**CORPORATION FOR NATIONAL SERVICE
RURAL DEVELOPMENT CORPS
AMERICORPS TEAM PROPOSAL**

**Environmental Educational Objective
Pemberton Historic Park**

**Grantee: U.S. Department of Agriculture
Natural Resources Conservation Service
Maryland Eastern Shore RC&D Council, Inc.**

Site: Salisbury, Maryland

SUMMARY

An Americorps team of 1 member is requested to carry out a rural development mission on the Eastern Shore of Maryland. Partners in the Environmental Education Program include Pemberton Historic Park.

The Environmental Education program purpose is to provide conservation and environmental education to students at all grade levels, to the general public, and offer hands-on experiences which result in environmental improvement. The Eastern Shore is so spread out that regional centers are needed in the upper shore, mid shore, and lower shore. This position will fill the Lower Shore need.

The Maryland Eastern Shore RC&D is a private non-profit corporation which has been carrying out conservation projects since 1981. The RC&D will administer the program and complete necessary reports. The coordinator will serve as overall team supervisor.

MISSION

The mission of the team consists of providing leadership in coordinating community-based conservation of natural resources through instruction and field experience which will enable students and the community at-large to appreciate our local natural resources and how they interact in our environment.

NEEDS

Maryland's state mandate for environmental education in public schools requires educators to develop hands-on teaching experiences. There are limited opportunities on the Eastern Shore for training in conservation topics. The few environmental centers on the Eastern Shore must adapt to these guidelines and, in many cases, help in curriculum development. In addition, it is widely recognized that field experience and hands-on activities are vital tools to enhance classroom learning. To many existing programs are hit-and-miss and short term. A great need exists for year-round programming.

OBJECTIVES - COMMUNITY SERVICE OBJECTIVE

To provide leadership in coordinating community-based conservation of natural resources through instruction and field experience which will enable students and the community to appreciate our local natural resources and how they interact in the environment.

1. WHAT WORK WILL BE DONE? WHAT COMMUNITY BUILDING ACTIVITIES WILL YOUR PARTICIPANTS ENGAGE IN?

Teach K-12th grade students from both public and private schools; be a summer camp teacher/counselor; supervise habitat enhancement plantings; trail maintenance; special events preparation (exhibits, displays); develop curriculum for schools and field study guides; coordinate field trips and outdoor experiences; develop sites to serve as field study areas.

2. WHAT IS THE HOPED FOR RESULT OF THE WORK/ACTIVITIES DESCRIBED ABOVE?

Increase the number of students served by 20%; increase the number of teachers trained by 10%; assist with public events; environmental education curriculum developed and in place; new sites developed for use by schools and the public.

3. HOW WILL YOU MEASURE THE QUALITY OF YOUR PRODUCT OR IMPACT OF YOUR SERVICE?

Increase in the number of participating students; new education programs developed; teacher and student evaluations; new site improvements.

4. BY WHAT STANDARD WILL YOU GAUGE SUCCESS?

Number of students taught; evaluations; increase in participation at public events; improvements to physical sites.

5. HOW MANY INDIVIDUALS WILL RECEIVE THE BENEFIT OF THE WORK YOUR PARTICIPANTS PERFORM?

800 at-risk and under-served students; 15,000 additional public and private students; 600 teachers, 10,000 additional citizens, both adult and children.

CONCEPT

The participating partner has agreed to provide all office space, supplies, transportation, and technical supervision, and to share participants as needed based on skill levels and prior experience.

BUDGET

All of the following items will be supplied by the local partners as in-kind contributions or cash payments to vendors. The only Americorps expense will be the customary team member stipend, health care, and child care costs.

ITEM	COST/MEMBER	COST/TEAM
Office	\$ 600	\$ 4,800
Phone	300	2,400
Macintosh Computer	2,000	4,000
Software	500	1,000
Printer	1,500	3,000
Supplies	400	3,200
Travel	1,000	8,000
Resource Materials	2,000	2,000
Inservice	500	4,000
Workshops/Training		
TOTAL	\$ 8,800	\$ 32,400

SERVICE ACTIVITIES

Teach students and teachers; provide field trips; develop curriculum and field guides; supervise trail maintenance, marsh grass planting, tree planting, and other hands-on environmental activities.

RELATION TO NEED

The service activities outlined above directly produce the products to satisfy the identified needs.

PARTICIPANT TRAINING AND SUPPORT

The Americorps participant will be trained and educated by various private organizations as well as local, state, and federal agencies that serve the program area. The representative will receive extensive training about the specific components of the environment in the area in which they are to work, as well as other places of environmental interest, particularly in regards to the Chesapeake Bay. The program leaders will serve as important co-workers with a team member as they are trained.

PARTICIPANT PLACEMENT AND SUPERVISION

The team member will be provided with ample office space, supplies, including the use of a computer, fax machine, copier, and telephone. Some team members will have the use of an organizational vehicle and others mileage at 30 cents per mile. Direct supervision on a daily basis will be provided by the director of the host organization. The RC&D Coordinator will be the overall project director. The Americorps team member will attend monthly team meetings to exchange information and monitor progress.

Diversity of team members will be sought by several methodologies:

1. Advertising positions in local newspapers; ads will include the USDA nondiscrimination statement.
2. Outreach to local minority organizations.
3. Recruitment through local colleges: Chesapeake College, Washington College, Salisbury State, UMES.

SUMMARY

An Americorps team of 1 member is requested to carry out a rural development mission of developing and implementing eight county-wide dry hydrant programs on the Eastern Shore of Maryland. Partners in the Maryland Eastern Shore RC&D Public Safety or Dry Hydrant Program include the local fire chiefs, their volunteer fire fighters, the Emergency Management Staff, community associations, officers and residents, the Delmarva Fire Management Group, local forest rangers, and the Maryland and Eastern Shore volunteer Fire Fighters Association.

The purpose of the project is to improve public safety by augmenting the fire fighting capabilities of approximately 80 fire companies. Dry hydrants will provide quick and easy hook-up to ample supplies of water, reduce the threat to life, limb, and property, and reduce insurance premiums to the residents of rural areas, freeing up dollars for use in other areas of the economy.

The Americorps team member will work in nine counties with 80 individual fire companies, the Emergency Management Team and the Fire Chiefs Association. The main purpose of the liaison with these groups by Americorps is to **CREATE AN OVERALL PLAN** for eight counties for the installation of dry hydrants. The team member will develop a plan which will spell out the materials required for each location, estimated cost, and a detailed drawing. The team member will be responsible for soliciting grants for the hydrants by preparing a suitable grant proposal documenting the need for dry hydrants, the objectives, the methods to be used to implement the program, the budget, and potential future funding.

MISSION

The mission of the team is to provide a system of dry hydrants throughout each fire district so that water is readily accessible.

NEEDS

The Maryland Eastern Shore RC&D is assisting approximately 80 rural volunteer fire departments with a public safety program designed to improve their rural fire fighting capabilities in nine counties. Our goal is to make their fire fighting capabilities as efficient as possible. Many of these counties are experiencing population increases, with many of these new residents living beyond domestic water lines. Providing adequate fire protection to the rural residents of these nine counties has become a serious problem.

Needless to say, all the fire companies we are dealing with are "volunteer" fire companies, and anything we can do to make their jobs safer and more efficient will justify the sacrificial effort they put in. Limited dollars earned by the individual fire companies are often through fund raising such as bake sales, barbecue dinners, and Bingo. Dry fire hydrants will decrease their expenditures for fuel allowing this money to be spent for additional training and better equipment for the fire fighters.

The RC&D provides funding searches, grantwriting and grant administration to the volunteer fire departments. To date, the RC&D has received a \$10,000 grant for the implementation of these hydrants. In order to "double our money", we are offering a grant of \$650 (cost of materials for one dry hydrant) to local counties only if they match it with another \$650. In this way the original grant is doubled.

OBJECTIVES - COMMUNITY SERVICE OBJECTIVE

Work with local VFDs in developing county-wide dry hydrant systems.

**CORPORATION FOR NATIONAL SERVICE
RURAL DEVELOPMENT CORPS
AMERICORPS TEAM PROPOSAL**

**Public Safety Objective
Dry Hydrants for Rural Fire Protection**

**Grantee: U.S. Department of Agriculture
Natural Resources Conservation Service
Maryland Eastern Shore RC&D Council, Inc.**

Site: Easton, Maryland

1. WHAT WORK WILL BE DONE? WHAT COMMUNITY BUILDING ACTIVITIES WILL YOUR PARTICIPANTS ENGAGE IN?

Visit each fire chiefs association in eight counties; visit all fire companies; survey dry fire hydrant locations; prepare a detailed technical plan for each hydrant; and prepare an overall county-wide plan for dry hydrants.

2. WHAT IS THE HOPED FOR RESULT OF THE WORK/ACTIVITIES DESCRIBED ABOVE?

Improvement of fire fighting capabilities in each company; decreased fuel consumption; decreased use of processed town water; and increased potential for saving life and property.

3. HOW WILL YOU MEASURE THE QUALITY OF YOUR PRODUCT OR IMPACT OF YOUR SERVICE?

Complete eight county-wide dry hydrant plans; survey and prepare plans for approximately 45 dry hydrants; and install 24 dry hydrants or approximately three per county.

4. BY WHAT STANDARD WILL YOU GAUGE SUCCESS?

Formal review of plans by local chiefs associations; formal review of installation sites by local VFDs; overview by the Delmarva Fire Management Group and the Maryland Firemens Association.

5. HOW MANY INDIVIDUALS WILL RECEIVE THE BENEFIT OF THE WORK YOUR PARTICIPANTS PERFORM?

Each and every homeowner, business and commercial establishment in the service area of the hydrant will benefit; eight counties; approximately 80 fire companies; and the Delmarva Fire Management Group.

DESIGN

The needs were identified in each county by a team consisting of the local fire chiefs, their volunteer firefighters, the Emergency Management Staff, local marina operators, community associations, officers and residents, the Delmarva Fire Management Group, and local forest rangers. During the year in which the Americorps team member will work, he or she will meet initially with each county fire chiefs association to distribute questionnaires which will require the firemen to document the need for specific location of hydrants, show a dry hydrant video, and display the typical "kit" for dry hydrants. The volunteer firemen will make the estimate as to quantity and cost of materials and help in securing funds. Once sites are located, the crew member will survey the site, prepare a plan, and develop detailed bill of materials and cost estimates. Once funds are obtained, the firemen will obtain a donated backhoe and provide their own labor for installation. The Americorps crew member will supervise installation and certify to its adequate installation.

CONCEPT

The Maryland Eastern Shore RC&D partners in this project include the 80 local fire departments, the nine county chiefs associations, the Delmarva Fire Management Group, the Maryland and Eastern Shore Firemens Association, the nine-county Emergency Management Teams, and the forest rangers in each county. This program is based on the one county which has prepared a plan and seen the visible results of installation. Time has not allowed the other eight counties to be planned or to even start installation. This

Americorps opportunity of one year will allow the RC&D Council and the fire groups to show a successful partnership resulting in implemented projects and greatly increasing their potential for securing foundation and corporate grants in the future.

BUDGET

All of the following items will be supplied by the local partners as in-kind contributions or cash payments to vendors. The only Americorps expense will be the customary team member stipend, health care, and child care costs.

ITEM	COST/MEMBER	COST/TEAM
Office	\$ 600	\$ 4,800
Phone	300	2,400
Macintosh Computer	2,000	4,000
Software	500	1,000
Printer	1,500	3,000
Supplies	400	3,200
Travel	1,000	8,000
Resource Materials	2,000	2,000
Inservice	500	4,000
Workshops/Training		
TOTAL	\$ 8,800	\$ 32,400

SERVICE ACTIVITIES

Inventory dry hydrant needs in 8 counties, 80 volunteer fire departments; prepare a plan for each VFD and an overall plan for each county; survey, layout, supervise, and certify installation of the hydrants; carry out repair of existing hydrants; coordinate and facilitate local meetings; write grant proposals to fund at least 27 hydrants; prepare dry hydrant portion of RC&D exhibit;

PARTICIPANT PLACEMENT AND SUPERVISION

The team member will be provided with ample office space, supplies, including the use of a computer, fax machine, copier, and telephone. Some team members will have the use of an organizational vehicle and others mileage at 30 cents per mile. Direct supervision on a daily basis will be provided by the director of

the host organization. The RC&D Coordinator will be the overall project director. The Americorps team member will attend monthly team meetings to exchange information and monitor progress.

Diversity of team members will be sought by several methodologies:

1. Advertising positions in local newspapers; ads will include the USDA nondiscrimination statement.
2. Outreach to local minority organizations.
3. Recruitment through local colleges: Chesapeake College, Washington College, Salisbury State, UMES.



UNITED
STATES
DEPARTMENT
OF AGRICULTURE

AMERICORPS/USDA

APPROVED OPERATING SITE OBJECTIVES

1995 - 1996 PROGRAM YEAR

MASSACHUSETTS



UNITED
STATES
DEPARTMENT
OF AGRICULTURE

August 22, 1995

SUBJECT: Approval for AmeriCorps Members for FY 96
THRU: Ann Carey, Director, CARD *Ann Carey*
TO: Cecil B. Currin, State Conservationist, NRCS,
Massachusetts

This letter is to serve as your formal notification of approval for recruitment of members to serve in the AmeriCorps Program for FY 96. You are approved for the below listed projects with positions as indicated:

Project	Positions		TYPE
	FT	PT	
Boston Environmental Project	10		PL&E
MA Rural Development Project	5		RDT
Total:	15		

Attached are the objectives that have been agreed to between the State of Massachusetts, the USDA Office of National Service, and the Cooperation for National and Community Service. These objectives serve as your contract and commitment for what you plan to accomplish during fiscal year 96. If you are not in agreement with the objectives as attached, you need to contact me immediately.

Also attached is a list of your project sites, operating site numbers and cluster sites.

When recruiting members, remember to send in your assessment worksheet prior to making a firm commitment to anyone.

If you have any questions, please contact Paula Cole Jones, NRCS Program Manager, at (202) 720-1853.

JOEL BERG
Director
National Service

Attachments

cc:

Diane Gelburd, Regional Conservationist, East, NRCS,
Beltsville, Maryland

Marc MacQueen, AmeriCorps Project Director, NRCS, MA

**AMERICORPS SUMMARY
Massachusetts**

Project Director
Marc A. McQueen
USDA, NRCS
15 Cranberry Highway
West Wareham, MA 02576
Ph: (508) 295-1481
FAX: (508) 291-2368

STATE	# OF MEMBERS	TYPE	# OF CLUSTERS	# OF SITES
Massachusetts	10	RDT	2	8

Cluster Site 1: Westford

1A Duty Site: Westford
 # of RDT Members: 6 - Site #: **Y25A**
 # of PL&E Members: 0
 Site supervisor: Daniel Lenthall
 Phone #: (508) 692-1904
 Fax #: (508) 392-1305
 Duties: Water quality improvement; improve access to
 public lands

1B Duty Site: Lawrence
 # of RDT Members: 1 - Site #: **Y25B**
 # of PL&E Members: 0
 Site supervisor: Ralph Goodno
 Phone #: (508) 681-5777
 Fax #: (508) 681-9637

1C Duty Site: Haverhill
 # of RDT Members: 1 - Site #: **Y25C**
 # of PL&E Members: 0
 Site supervisor: Gaylord Burke
 Phone #: (508) 374-0519
 Fax #: (508) 372-4890

1D Duty Site: Groton
 # of RDT Members: 1 - Site #: **Y25D**
 # of PL&E Members: 0
 Site supervisor: Nancy Phillips
 Phone #: (508) 448-0299
 Fax #: (508) 448-0941

1E Duty Site: West Concord
 # of RDT Members: 1 - Site #: **Y25E**
 # of PL&E Members: 0
 Site supervisor: Barbara Offenhartz
 Phone #: (508) 692-1904
 Fax #: (508) 392-1305

1F Duty Site: Leominster rd
 # of RDT Members: 1 - Site #: **Y25F**
 # of PL&E Members: 0
 Site supervisor: Ed Himlan
 Phone #: (508) 534-0379
 Fax #: (508) 534-1329

Duties: Water quality improvement

425 E

COMMUNITY SERVICE OBJECTIVES
Objective 9

GRANTEE: USDA Natural Resources Conservation Service
Water quality Improvement (3 Members - RDT)

SITE: Massachusetts

SITE SUPERVISOR:

PHONE: ()

COUNTY: Middlesex

COMPONENTS OF OBJECTIVE STATEMENTS: To improve tourism & recreational opportunity, to protect & expand a native trout fishery, & to empower watershed associations & citizen groups statewide to make long-term decisions to protect water quality. Install BMP's that will improve water quality & enhance biodiversity, remove debris and clean up public health hazards.

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

In the Assabet: Coordinate four river cleanups in the urban community of Maynard.

- Assist volunteers to complete shoreline surveys to identify & prioritize major nonpoint source pollution problems
- Organize local committees in Maynard to complete recreation/commercial development plans for 1) Water recreation at Mill Pond; 2) Historic Mill District; 3) Park development at the High Street Impoundment..
- Based on existing water quality monitoring data, organize committees to push towns and state agencies to reduce phosphorus levels, as required by state & federal law, at upstream wastewater treatment plants.

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

Improved water quality and recreational opportunity, increased biodiversity, improved ability for local officials to revise local land-use controls where needed to protect natural resources, and recognition of our connection to and responsibility for the natural resources in our midst, understanding that "We all live downstream."

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

By installation of Best Management Practices, post-installation monitoring of water quality,, establishment of local committees to review land-use controls, establishment of volunteer groups to carry out riparian assessments where needed, by commitment from local officials to fund their share

of water quality improvement practices where that has not yet occurred, and by certification from technical agencies that all practices installed meet recognized standards and specifications.

4. By what standard will you gauge success?

Fourteen (14) BMP's will be installed or implemented in three projects. They will include four (4) river cleanup and debris removal efforts; assessment and preparation of remedial plans to solve pollution problems at five (5) storm drain sites; and installation of five(5) fish habitat improvement projects that will include creating pools and riffles, increasing stream shading, and other in-stream improvements to make the riverine habitat more attractive to fish population.

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

1,000 watershed residents of Maynard are expected to increase their use of the Assabet River and its impoundments; OAR estimates that another 2,000 residents throughout the 10 communities in the watershed will visit new facilities on the Assabet, including a proposed bikeway that OAR will help establish through other projects.

425 F

COMMUNITY SERVICE OBJECTIVES
Objective 10

GRANTEE: USDA Natural Resources Conservation Service
Water quality Improvement (3 Members - RDT)

SITE: Massachusetts

SITE SUPERVISOR: PHONE: ()

COUNTY: Middlesex

COMPONENTS OF OBJECTIVE STATEMENTS: To improve tourism & recreational opportunity, to protect & expand a native trout fishery, & to empower watershed associations & citizen groups statewide to make long-term decisions to protect water quality. Install BMP's that will improve water quality & enhance biodiversity, remove debris and clean up public health hazards.

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

With the Massachusetts Watershed Coalition:

- Survey watershed associations to identify existing water quality problems & opportunities & find groups committed to implementation.
- Working with those committed groups, install Best Management Practices at at least one site in five watersheds.
- Document results of the assistance activities.
- Document 10-15 case studies in Massachusetts.
- Collect supporting information on sources of assistance for project implementation.
- Distribute case studies to interested groups, officials and agencies t workshops, in news stories, through electronic media and over the CREWNET electronic bulletin board.

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

Improved water quality and recreational opportunity, increased biodiversity, improved ability for local officials to revise local land-use controls where needed to protect natural resources, and recognition of our connection to and responsibility for the natural resources in our midst, understanding that "We all live downstream."

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

By installation of Best Management Practices, post-installation monitoring of water quality,, establishment of local committees to review land-use controls, establishment of volunteer groups to

carry out riparian assessments where needed, by commitment from local officials to fund their share of water quality improvement practices where that has not yet occurred, and by certification from technical agencies that all practices installed meet recognized standards and specifications.

4. By what standard will you gauge success?

Five community based watershed management projects will be implemented; new community-based programs will leverage at least \$500,000 in new public and private investments in watershed protection & management (including volunteer services, municipal improvements, business contributors, etc.); at least 50 organizations will learn how to design & implement small watershed management projects.

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

Estimated 500,000 Massachusetts residents will learn about the benefits & opportunities of small watershed management & 50,000 fishermen & other residents will benefit from improved management of local watersheds after the proposed Best Management Practices are installed.

425D

COMMUNITY SERVICE OBJECTIVES

Objective 8

GRANTEE: USDA Natural Resources Conservation Service
Water quality Improvement (3 Members - RDT)

SITE: Massachusetts

SITE SUPERVISOR: PHONE: ()

COUNTY: Middlesex

COMPONENTS OF OBJECTIVE STATEMENTS: To improve tourism & recreational opportunity, to protect & expand a native trout fishery, & to empower watershed associations & citizen groups statewide to make long-term decisions to protect water quality. Install BMP's that will improve water quality & enhance biodiversity, remove debris and clean up public health hazards.

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

In the Squannacook: Coordinate volunteers to inventory areas with identified nonpoint source problems and assist local officials to set priorities for improvement.

- Assess local bylaws for adequacy in long-term resource protection. Organize volunteers and local officials to begin the process of changing land-use controls. This will take longer than a year, and so can only be begun with AmeriCorps assistance.

- Assist three communities to implement Best Management Practices for soil erosion and sediment control and removal of pollutants from stormwater runoff.

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

Improved water quality and recreational opportunity, increased biodiversity, improved ability for local officials to revise local land-use controls where needed to protect natural resources, and recognition of our connection to and responsibility for the natural resources in our midst, understanding that "We all live downstream."

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

By installation of Best Management Practices, post-installation monitoring of water quality,, establishment of local committees to review land-use controls, establishment of volunteer groups to carry out riparian assessments where needed, by commitment from local officials to fund their share of water quality improvement practices where that has not yet occurred, and by certification from technical agencies that all practices installed meet recognized standards and specifications.

4. By what standard will you gauge success?

By installation of Best Management Practices at three sites and at least 1 river cleanup; expansion of fish-stocking habitat by 3% over 1995 levels; two volunteer groups of at least 5 people each are qualified to gather & interpret water quality information and have formed community-based water quality action teams to evaluate local bylaws & begin the process of updating them as needed.

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

At least 1,000 watershed residents & visitors will benefit from improved fishing, other recreational opportunity & water quality improvements.

COMMUNITY SERVICE OBJECTIVES
Objective 7

GRANTEE: USDA Natural Resources Conservation Service
Ecotourism (1 Member - RDT)

SITE: Massachusetts

SITE SUPERVISOR: Ralph Goodno **PHONE:** (508) 681-5777 **COUNTY:** Middlesex

COMPONENTS OF OBJECTIVE STATEMENTS: To demonstrate that environmental quality can be a critical element in improving long-term economic stability and to engage the community in the protection and sustainable management of under-utilized natural resource.

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

- Coordinate construction & renovation of 3.75 miles of rail trail, as well as approximately 1/2 mile of shorter spurs off the rail trail that will lead to upland & marsh observation sites.
- Coordinate the construction & installation of nesting boxes (number & location to be determined in consultation with biologists) and 2 osprey platforms along the abandoned rail trail & supervise installation of signs & other markers along trails to define the trails and protect adjacent private property.
- Tour Town Creek & Blackwater River by water to document canoeing and/or sea kayaking routes through these waterways.
- Mobilize town citizens & groups to create a town trails committee which will be responsible for improvements & management of trails in Salisbury.
- Identify trails within Salisbury for walking and/or biking. Identify historic & archaeological sites & access points.
- Create a set of maps showing these attractions & write a guidebook covering trails, waterways, birding, and historic sites.
- Identify historic buildings or other features within Salisbury, with emphasis on the project area.
- With technical assistance, oversee installation of a redesigned culvert & storm protection gate on Town Creek.

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

Improvement of local economy, expansion of tourism, and implementation of a strategy for incorporating environmental protection with economic stability.

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

By increased tourist revenue, by numbers of guidebooks distributed, and feedback from users, by long-term maintenance of trails, by visual observation of increases of nesting birds, as a result of the installation of nest boxes and osprey platforms, by establishment of a trails committee, and by changes in salt marsh vegetation after installation of the redesigned culvert & storm protection gate.

4. By what standard will you gauge success?

Request from tourist agencies for extra copies of the guidebook; use of 50% of the nesting boxes the first season; a 10% decrease in the height & density of Phragmites after installation of the new culvert; and a 5% increase in tourist revenue in 1996.

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

Based on data from the nearby Parker River National Wildlife Refuge, which attracts 250,000 visitors annually, we expect conservatively that 10,000 more visitors will use Salisbury's marshes the first year, with annual increases as knowledge of the town's attractions spreads.

COMMUNITY SERVICE OBJECTIVES

Objective 6

GRANTEE: USDA Natural Resources Conservation Service
Aquaculture (1 Member - RDT)

SITE: Massachusetts

SITE SUPERVISOR: Daniel Lenthall PHONE: (508) 692-1904

COUNTY: Middlesex

COMPONENTS OF OBJECTIVE STATEMENTS: Implement various aquaculture techniques in two non-productive shellfish beds.

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

- Implement various aquaculture techniques at two sites.
- Monitor sites twice per week to maintain netting, stakes and other apparatus.
- Sample clam & invertebrate populations twice per month to determine the success of various aquaculture techniques in attracting & anchoring clams & controlling predators.
- Track all costs to determine economic feasibility of these techniques; write a report & present the information to shell fishermen and Shellfish Constables.
- Inventory & locate other potential sites for implementing the techniques.
- Assess potential water quality concerns at those sites to inform shell fishermen and local officials of the cost & feasibility of maintaining or improving water quality.

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

Expansion of the shellfish industry; improved, locally-relevant knowledge of the cost, effectiveness and feasibility of aquacultural techniques; greater opportunity to retain the connection to natural resources and the sea that has been one of the mainstays of coastal communities.

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

According to accepted standards as defined by marine Biologists, Aquaculturists and local Shellfish Constables. According to biologists from the MA Division of Marine Fisheries, demonstrations that unproductive beds can be made productive at any level would be success.

4. By what standard will you gauge success?

Techniques installed at two sites: one ten acre site and one 40 acre site. Further, project sponsors would consider the program a success if shell fishermen in two other communities on the upper North Shore began aquaculture operations.

5. How many individuals will receive the benefit of the work your participants perform?
Assuming it works and is cost effective, at least 50 shell fishermen.

COMMUNITY SERVICE OBJECTIVES

Objective 1

GRANTEE: USDA Natural Resources Conservation Service
(10 Members - PL&E/RDT)

SITE: Boston, Massachusetts

COMPONENTS OF OBJECTIVE STATEMENTS: Reduce environmental and public health risks, and improve water quality in the Dorchester area, through education and citizen action.

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

Develop a guide for residents to help investigate environmental threats, and to help them enlist the help of qualified agencies to deal with site-specific problems. Clean up 4 parcels with significant hazards - syringes, old iron, broken glass, etc. Based on Fiscal Year 1995 work, set up a cooperative, non-coercive program between businesses and regulatory agencies to improve how businesses handle hazardous materials.

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

Four parcels cleaned up in preparation for conversion to gardens or play areas. Citizens will receive a guide listing their options to handle environmental threats. In addition, SCCD and the Coalition will hold two workshops that will help citizens address site-specific problems and demonstrate to businesses how they can cooperate with technical and regulatory agencies to improve their materials handling methods. AmeriCorps will publicize waste oil collection programs offered by the city.

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

Community commitment to collect and dispose of waste oil properly; willingness of local businesses to learn ways to change how they manage hazardous materials; establishment of neighborhood-wide cleanup days.

4. By what standard will you gauge success?

Residents and community groups will agree to maintain flower gardens and play areas. At least 5 businesses will receive site-specific technical assistance on how to adopt new methods of handling materials.

5. How many individuals will receive the benefit of the work your participants perform?
500 residents and businesses will receive the service.

COMMUNITY SERVICE OBJECTIVES

Objective 2

GRANTEE: USDA Natural Resources Conservation Service
(10 Members - PL&E/RDT)

SITE: Boston, Massachusetts

COMPONENTS OF OBJECTIVE STATEMENTS: Improve access to public facilities for recreation and education.

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

Improve two miles of paths at Franklin Park, design a nature trail for blind people; carry out an information campaign to educate residents to curb their pets; institute special street-cleaning programs at school yards, fields and parks.

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

Greater use of the parks by physically challenged and blind people. Park users, children, and summer day camp participants will be educated in the benefits of curbing their pets.

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

Increased use of parks by disabled groups, user groups will evaluate the site improvements and comment on what else could improve facilities.

4. By what standard will you gauge success?

Three groups (elderly, wheelchair-bound, and blind) will schedule and run at least three program activities.

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

1,000 residents and disabled park users will receive the service.

COMMUNITY SERVICE OBJECTIVES

Objective 3

GRANTEE: USDA Natural Resources Conservation Service
(10 Members - PL&E/RDT)

SITE: Boston, Massachusetts

COMPONENTS OF OBJECTIVE STATEMENTS: Promote environmental education and recycling.

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

Install bird houses, bat boxes, and plantings at 5 local sites. Encourage school staff to establish outdoor classrooms with design & construction help from the AmeriCorps Team. Build 2 traveling exhibits, publish information sheets on how to handle or coexist with urban wildlife safely. Assist the Animal Rescue League and the Dorchester Community Fire Station to conduct rabies clinics. AmeriCorps will handle publicity. Continue the public information campaign on recycling begun in FY 95. Conduct recycling workshops in combination with annual neighborhood cleanups and support city recycling staff on collection days.

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

School children will be educated on local environmental issues and gain greater environmental awareness; environmental education will become part of the day camp curriculum; the number of wildlife species present in target areas will be increased, and more people will participate in recycling. Children will understand that they shouldn't touch wildlife and how to avoid injury or disease when dealing with wildlife.

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

Urban wildlife specialists will do pre-and-post censuses of sites to see how many more species are using the sites; facilities (bird houses, bat boxes, etc.) will be maintained; the environmental curriculum at schools and day camps will be increased; two classrooms at each of three elementary schools will conduct at least two outdoor environmental education sessions; and more people will participate in recycling.

4. By what standard will you gauge success?

A 10% increase in the number of people recycling household wastes; an increase of 3 hours per marking period spent on urban environmental issues; 3 non-science classes use outdoor classrooms to

reinforce their programs; and a 50% increase in awareness of how to deal with animals safely, as measured by pre-and-post tests.

5. How many individuals will receive the benefit of the work your participants perform?
1,000 students and residents will receive the service.

COMMUNITY SERVICE OBJECTIVES

Objective 4

GRANTEE: USDA Natural Resources Conservation Service
(10 Members - PL&E/RDT)

SITE: Boston, Massachusetts

COMPONENTS OF OBJECTIVE STATEMENTS: Increase the number of home gardens and help homeowners and housing developments improve the safety and accessibility of individual gardens.

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

- Redesign existing gardens at the Franklin Field housing Development (FFHD) to make them handicapped-or-elderly accessible.
- Construct 2 compost piles for demonstration purposes, and show homeowners how to build and maintain their own.
- In cooperation with the Umass Cooperative Extension System, howl two workshops to instruct homeowners with limited space, and those with highly contaminated soils, on safe options for gardening.
- Work with the MA Dpt of Food & Agriculture and the Cooperative Extension System to increase the number of gardens.

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

Greater use of the gardens at FFHD by elderly residents; production of compost by homeowners for use in amending soils in their gardens; significant increase in food production in container gardens; establishment of a link between the community & the Umass Cooperative Extension System. A neighborhood garden fair, where produce will be judged.

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

The number of requests for assistance form the Cooperative Extension System coming from Dorchester; an increase in the amount of fresh food produced by elderly residents; and polls or interviews of elderly residents to determine increases in garden use.

4. By what standard will you gauge success?

A 10% increase in garden use by elderly residents; 50 requests for assistance coming to Umass Cooperative Extension from Dorchester (currently there are none); a Harvest Fair will be held in

conjunction with the Farmer's Market at Franklin Park. At least 25 residents from the target area will bring in produce for judging.

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

COMMUNITY SERVICE OBJECTIVES
Objective 5

GRANTEE: USDA Natural Resources Conservation Service
(10 Members - PL&E/RDT)

SITE: Boston, Massachusetts

COMPONENTS OF OBJECTIVE STATEMENTS: Plant and beautify more public land in Dorchester.

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

Landscape 3 community open spaces; write a streetscape plan for two streets in Dorchester; inform landowners about possibilities for lead-safe edible landscaping for homes; and encourage abutters to plant and maintain fruit trees on their property.

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

Six abutters will plant and maintain fruit trees on their property. A local nonprofit will agree to establish and manage a demonstration orchard on its property. Residents along the selected streets will agree to maintain the streetscape plantings.

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

Will be measured by how long the plantings are maintained, and by how many people are involved in caring for or expanding plantings.

4. By what standard will you gauge success?

Maintenance of the plantings for at least one year. 75% of the residents on the streetscaped streets help install plantings, and maintain them for at least one year.

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

200 residents will receive the service.



UNITED
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AMERICORPS/USDA

APPROVED OPERATING SITE OBJECTIVES

1995 - 1996 PROGRAM YEAR

MICHIGAN



August 15, 1995

SUBJECT: Approval for AmeriCorps Members for FY 96
THRU: Ann Carey, Director, CARD *Ann E Carey*
TO: Carole Jett, State Conservationist, NRCS,
Michigan

This letter is to serve as your formal notification of approval for recruitment of members to serve in the AmeriCorps Program for FY 96. You are approved for the below listed projects with positions as indicated:

Project	Positions		TYPE
	FT	PT	
Farm*A*Syst	15		RDT

Attached are the objectives that have been agreed to between the State of Michigan, the USDA Office of National Service, and the Cooperation for National and Community Service. These objectives serve as your contract and commitment for what you plan to accomplish during fiscal year 96. If you are not in agreement with the objectives as attached, you need to contact me immediately.

Also attached is a list of your project sites, operating site numbers and cluster sites.

When recruiting members, remember to send in your assessment worksheet prior to making a firm commitment to anyone.

If you have any questions, please contact Paula Cole Jones, NRCS Program Manager, at (202) 720-1853.

JOEL BERG
Director
National Service

Attachments

cc:
Charles Whitmore, Regional Conservationist, Midwest, NRCS,
Madison, Wisconsin
Alan Herceg, AmeriCorps Project Director, NRCS, Michigan

AMERICORPS SUMMARY
Michigan

Project Manager
Alan Herceg
3191 Logan Valley Rd
Traverse City, MI 49684-4772
Ph: (616) 946-6811
FAX: (616) 946-4410

STATE	# OF MEMBERS	TYPE	# OF CLUSTERS	# OF SITES
Michigan	15	RDT	3	15

Duties: Farm*A*Syst

Cluster Site 1: Ann Arbor

1A Duty Site: Ann Arbor
 # of RDT Members: 1 - Site #: **Y26A**
 # of PL&E Members: 0
 Site supervisor: Steven Olds
 Phone #: (616) 761-6722
 Fax #: (616) 662-1686

1B Duty Site: Sandusky
 # of RDT Members: 1 - Site #: **Y26B**
 # of PL&E Members: 0
 Site supervisor: David Newkirk
 Phone #: (810) 648-2116
 Fax #: (810) 648-4670
 NOTE: Member lives in Macomb Co.

1C Duty Site: Jackson
 # of RDT Members: 1 - Site #: **Y26C**
 # of PL&E Members: 0
 Site supervisor: Julius Pigott
 Phone #: (517) 784-2800
 Fax #: (517) 784-9119

1D Duty Site: Adrian
 # of RDT Members: 1 - Site #: **Y26D**
 # of PL&E Members: 0
 Site supervisor: Brian Ehlert
 Phone #: (517) 264-5300
 Fax #: (517) 264-5217

1E Duty Site: Mason
 # of RDT Members: 1 - Site #: **Y26E**
 # of PL&E Members: 0
 Site supervisor: Jack Knorek
 Phone #: (517) 676-7207
 Fax #: (517) 676-7230

Cluster Site 2: Freemont

2A Duty Site: Grand Rapids
of RDT Members: 1 - Site #: **Y26F**
of PL&E Members: 0
Site supervisor: Steve Utic
Phone #: (616) 940-9917
Fax #: (616) 940-3123

2B Duty Site: Lake Leelanau
of RDT Members: 1 - Site #: **Y26H**
of PL&E Members: 0
Site supervisor: Bernard Long
Phone #: (616) 256-9783
Fax #: (616) 256-7851
NOTE: Member lives in Wexford county

2C Duty Site: Freemont
of RDT Members: 1 - Site #: **Y26I**
of PL&E Members: 0
Site supervisor: Roger Peacock
Phone #: (616) 924-2060
Fax #: (616) 946-6840

2D Duty Site: Traverse City
of RDT Members: 2 - Site #: **Y26J**
of PL&E Members: 0
Site supervisor: Alan Herceg
Phone #: (616) 946-6811
Fax #: (616) 946-4410

Cluster Site 3: Kalamazoo

3A Duty Site: Kalamazoo
 # of RDT Members: 1 - Site #: **Y26K**
 # of PL&E Members: 0
 Site supervisor: George Heffner
 Phone #: (616) 327-0696
 Fax #: (616) 327-2274

3B Duty Site: Allegan
 # of RDT Members: 1 - Site #: **Y26L**
 # of PL&E Members: 0
 Site supervisor: William Semeyn
 Phone #: (616) 673-8903
 Fax #: (616) 673-9671

3C Duty Site: Marshal
 # of RDT Members: 1 - Site #: **Y26M**
 # of PL&E Members: 0
 Site supervisor: Daniel Kesserling
 Phone #: (616) 781-4264
 Fax #: (616) 781-3199

3D Duty Site: Ionia
 # of RDT Members: 1 - Site #: **Y26N**
 # of PL&E Members: 0
 Site supervisor: James Scott
 Phone #: (616) 527-2620
 Fax #: (616) 527-9055

3E Duty Site: East Lansing
 # of RDT Members: 1 - Site #: **Y26P**
 # of PL&E Members: 0
 Site supervisor: Harold Rouget
 Phone #: (517) 355-0177
 Fax #: (517) 353-4995

COMMUNITY SERVICE OBJECTIVES

Objective 1

GRANTEE: USDA Natural Resources Conservation Service
Farm*A*Syst (20 Members - RDT)

SITE: Michigan

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Reduce risks to ground water from agricultural sources by changing farm practices after conducting risk assessments.

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

Do Farm*A*Syst evaluations, provide one-on-one assistance, develop and implement a marketing effort to create interest in the evaluation process, direct Farm*A*Syst participants to technical & financial assistance.

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

1,000 farms completed evaluation; 50% of farmers in watershed will have received information; requests for evaluations, farm families have a better understanding of Groundwater Protection Practices around the farm.

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

500 farms have altered at least one practice to reduce pollution, 90% of work sheets properly completed; 90% of recipients have indicated satisfaction with the service.

4. By what standard will you gauge success?

Using a follow-up evaluation, 75% of the farmers know about Farm*A*Syst & 10% would like to do the outline; of the original 1,000 farms, 500 are intending to apply a practice the next year, a service evaluation form will be completed by each family.

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

1,000 farm families will receive direct assistance, 10% will be limited resource farmers, 75% of farm families will have heard of program.

COMMUNITY SERVICE OBJECTIVES
Objective 2

GRANTEE: USDA Natural Resources Conservation Service
Farm*A*Syst (20 Members - RDT)

SITE: Michigan

SITE SUPERVISOR:

PHONE: ()

COUNTY:

COMPONENTS OF OBJECTIVE STATEMENTS: Engage and empower local citizens to become active in groundwater protection programs in their community after the AmeriCorps Member has left.

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

Establishment of local Groundwater Stewardship Teams which will mirror the makeup of the civilian labor force in Michigan. Since the problems of each community are different the solutions are also likely to be different; the local communities will determine the best way to go about protecting their ground water. Some of the activities are:

Act as clearing house for ground water information.

Educate the media about ground water issues.

Cooperate with NRCS, Michigan State University & Michigan Dpt of Agriculture to research the high risk areas that the AmeriCorps Members discovered.

Encourage farm families to test their drinking water.

Facilitate the testing of drinking water.

Map for aquifer/ground water protection planning.

Monitor planning/development/ground water use trends.

Monitor zoning local regulations.

Monitor ground water regulations already in place.

Prepare ground water protection action plan to designate responsibility.

Coordinate ground water education programs for all ages.

Cooperate with existing groups interested in ground water & water quality.

Involve the pesticide & herbicide sellers & farmers in ground water protection issues.

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

A sense of self help and self determination for groundwater protection by rural communities will be developed.

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

AmeriCorps member work force will be measured against the Michigan work force. Members of the Groundwater Stewardship Team will include industry, agriculture, local, state, and federal governments, rural residents, environmental groups, educational institutions and non-profit groups.

4. By what standard will you gauge success?

Twelve local committees will be running independently on an on-going basis, and will become the focal point for all groundwater activities in the community.

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

The entire state of Michigan will benefit from the active protection of the state's groundwater resources.



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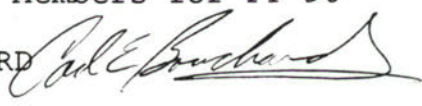
APPROVED OPERATING SITE OBJECTIVES

1995 - 1996 PROGRAM YEAR

MINNESOTA

August 17, 1995

SUBJECT: Approval for AmeriCorps Members for FY 96

THRU: Ann Carey, Director, CARD 

TO: William Hunt, State Conservationist, NRCS,
Minnesota

This letter is to serve as your formal notification of approval for recruitment of members to serve in the AmeriCorps Program for FY 96. You are approved for the below listed projects with positions as indicated:

Project	Positions		TYPE
	FT	PT	
Agassiz Recreational Trail	2		RDT
Clearwater Feedlot Inspection	1		RDT
Minnesota River Basin	7		PL&E
	1		RDT
River Beautification & Flood Control	8		PL&E
	1		RDT
Total:	20		

Attached are the objectives that have been agreed to between the State of Minnesota, the USDA Office of National Service, and the Cooperation for National and Community Service. These objectives serve as your contract and commitment for what you plan to accomplish during fiscal year 96. If you are not in agreement with the objectives as attached, you need to contact me immediately.

Also attached is a list of your project sites, operating site numbers and cluster sites.

When recruiting members, remember to send in your assessment worksheet prior to making a firm commitment to anyone.

If you have any questions, please contact Paula Cole Jones, NRCS Program Manager, at (202) 720-1853.


JOEL BERG
Director
National Service

Attachments

cc:

Charles Whitmore, Regional Conservationist, Midwest, NRCS,
Madison, Wisconsin

Michael Price, AmeriCorps Project Director, NRCS, Minnesota

AMERICORPS SUMMARY
Minnesota

Project Manager
Michael Price

Farm Credit Services Bldg
375 Jackson St. Room 600
St. Paul, MN 55101
Ph: (612) 290-3677
FAX: (612) 290-3375

STATE	# OF MEMBERS	TYPE	# OF CLUSTERS	# OF SITES
Minnesota	20	16 PL&E/ 4 RDT	1	4

Cluster Site 1: Thief River Falls

1A Duty Site: Thief River Falls
of RDT Members: 1 - Site #: **Y27A**
of PL&E Members: 0
Site supervisor: Fred Kollman
Phone #: (218) 681-6600
Fax #: (218) 681-5598

1B Duty Site: Red Lake Falls
 # of RDT Members: 2 - Site #: **Y27B**
 # of PL&E Members: 0
 Site supervisor: Al Gustafson
 Phone #: (218) 253-2646
 Fax #: (218) 253-4112

1C	Duty Site:	Warren
	# of RDT Members:	0
	# of PL&E Members:	9 - Site #: X27A
	Site supervisor:	David Rose
	Phone #:	(218) 745-4351
	Fax #:	(218) 746-6107

Cluster Site 2: Waseca

2A Duty Site: Waseca
of RDT Members: 0
of PL&E Members: 8 - Site #: **X27B**
Site supervisor: Jim Jirik
Phone #: (507) 835-4831
Fax #:

Y27B

COMMUNITY SERVICE OBJECTIVES
Objective 1

GRANTEE: USDA Natural Resources Conservation Service SITE: Mahnomen, Minnesota
Agassiz Recreation Trail (2 Members - RDT)
SITE SUPERVISOR: Al Gustafson PHONE: (218) 253-2646 COUNTY: Mahonmen

COMPONENTS OF OBJECTIVE STATEMENTS: Continue the promotion of the Agassiz Recreation Trail (ART)

-
1. What work will be done? What service activities will your participants engage in?
Designing & building rest areas along the Agassiz Recreational Trail. The rest areas will include trash receptacles, picnic areas, and possibly restrooms.
 2. What is the hoped for result of the work/activities described above?
To increase usage of the Agassiz Recreational Trail.
 3. How will you measure the quality of your product or impact of your service?
Will be reviewed by Agassiz Recreational Trails Joint Powers Board/NRCS information specialist.
 4. By what standard will you gauge success?
By the completion of four (4) rest areas located along the trail.
 5. How many individuals will receive the benefit of the work your participants perform?
2,000 in a four county area.

COMMUNITY SERVICE OBJECTIVES
Objective 2

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Mahnomen, Minnesota
 Agassiz Recreation Trail (2 Members - RDT)
SITE SUPERVISOR: Al Gustafson **PHONE:** (218) 253-2646 **COUNTY:** Mahomen

COMPONENTS OF OBJECTIVE STATEMENTS: Coordinate activities for ART

-
- 1. What work will be done? What service activities will your participants engage in?**
Coordinate with local businesses transportation equipment to be used by senior citizens, Head Start participants, and other specific groups along the Agassiz Recreational Trail.
 - 2. What is the hoped for result of the work/activities described above?**
To help the communities around the trail feel that the trail is a significant part of their community and the benefits that the trail brings are more than economic.
 - 3. How will you measure the quality of your product or impact of your service?**
Will be reviewed by ARTJPB/NRCS information specialists.
 - 4. By what standard will you gauge success?**
By obtaining support from eight (8) businesses to provide recreational (transportation) equipment.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
2,000 people will receive the benefit of the work.

COMMUNITY SERVICE OBJECTIVES

Objective 3

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Mahnomen, Minnesota
Agassiz Recreation Trail (2 Members - RDT)
SITE SUPERVISOR: Al Gustafson **PHONE:** (218) 253-2646 **COUNTY:** Mahnomen

COMPONENTS OF OBJECTIVE STATEMENTS: Coordinate efforts to expand ART east & west.

-
- 1. What work will be done? What service activities will your participants engage in?**
Helping to develop the East Agassiz Conservation Park. The park will be used for outdoor classes and serve as a demonstration area to promote soil and water conservation.
 - 2. What is the hoped for result of the work/activities described above?**
Increased awareness of wildlife on the Agassiz Recreational Trail. Also to make students and citizens aware of the need for resource conservation.
 - 3. How will you measure the quality of your product or impact of your service?**
Will be reviewed by SWCD/NRCS information specialist.
 - 4. By what standard will you gauge success?**
Success will be measured by the completion of the three (3) acre East Agassiz Conservation Park and by the participation of 200 area students and 300 citizens in the outdoor classroom.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
2,000 people in the 4 county area.

X27B
Y27D

COMMUNITY SERVICE OBJECTIVES
Objective 6

GRANTEE: USDA Natural Resources Conservation Service
Minnesota River Basin (1 RDT/7 PL&E)

SITE: St. Peter, Minnesota

SITE SUPERVISOR: Jim Jirik

PHONE: (507) 835-4831

COUNTY: Waseca

COMPONENTS OF OBJECTIVE STATEMENTS: Remove 15 miles of fallen trees from the Blue Earth River and its tributaries, to prevent flood damage to private land and public facilities/roads. This removal will improve the quality of the water entering the Minnesota River by reducing overland flow and resultant sediment and farm chemicals caused by flooding from log jams.

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

Fallen trees will be cleaned out of rivers and piled outside of the floodplain. Trees overhanging river banks will be cut. Talks will be provided to various civic, environmental, agricultural groups, schools and other organizations. News articles will be provided to all news media within the area.

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

The activities in the project area will improve water quality, provide for better esthetics, improve the appreciation for natural resources within the river corridor, educate the public, and reduce flooding impact.

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

Miles of river cleaned of fallen trees and log jams and the quantity of trees removed will be used to determine the impact of the project in the project area.

4. By what standard will you gauge success?

Reduced flooding, reduced impact of flooding, and improved water quality will determine the success of the project. The success will also be measured by the involvement of and the ability to compliment the local area's on-going Blue Earth river Basin Initiative (BERBI) project.

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

The 150,000 people living in the BERBI project area will either directly or indirectly benefit from the flood restoration and prevention project. There are millions of people downstream of the project area who will receive benefits as the Minnesota River flows into the Mississippi River.

COMMUNITY SERVICE OBJECTIVES
Objective 7

GRANTEE: USDA Natural Resources Conservation Service **SITE:** St. Peter, Minnesota
Minnesota River Basin (1 RDT/7 PL&E)
SITE SUPERVISOR: Jim Jirik **PHONE:** (507) 835-4831 **COUNTY:** Waseca

COMPONENTS OF OBJECTIVE STATEMENTS: Remove 15 miles of litter (old tires, debris, etc.) from the Blue Earth River and its tributaries, to improve the quality and esthetics of the river and of the water entering the Minnesota River.

-
- 1. What work will be done? What service activities will your participants engage in?**
Junk, old tires, car bodies, etc., will be pulled out of rivers and disposed of properly. Talks will be provided to various civic, environmental, agricultural groups, schools and other organizations. News articles will be provided to all news media within the area.
 - 2. What is the hoped for result of the work/activities described above?**
The activities in the project area will improve water quality, provide for better esthetics, improve the appreciation for natural resources within the river corridor, and educate the public.
 - 3. How will you measure the quality of your product or impact of your service?**
Miles of river cleaned of junk, old tires, car bodies, etc. will be used to determine the impact of the project I the project area.
 - 4. By what standard will you gauge success?**
Reduced flooding, reduced impact of flooding, and improved water quality will determine the success of the project. The success will also be measured by the involvement of and the ability to compliment the local area's on-going Blue Earth river Basin Initiative (BERBI) project.

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

The 150,000 people living in the BERBI project area will either directly or indirectly benefit from the flood restoration and prevention project. There are millions of people downstream of the project area who will receive benefits as the Minnesota River flows into the Mississippi River.

COMMUNITY SERVICE OBJECTIVES
Objective 8

GRANTEE: USDA Natural Resources Conservation Service
Minnesota River Basin (1 RDT/7 PL&E)

SITE: St. Peter, Minnesota

SITE SUPERVISOR: Jim Jirik

PHONE: (507) 835-4831

COUNTY: Waseca

COMPONENTS OF OBJECTIVE STATEMENTS: Enhance 15 miles of habitat for wildlife by creating shelters from organic debris removed from the river systems.

-
- 1. What work will be done? What service activities will your participants engage in?**
Organic debris pulled from the rivers will be used to make wildlife shelters adjacent to the river system. Talks will be provided to various civic, environmental, agricultural groups, schools and other organizations. News articles will be provided to all news media within the area.
 - 2. What is the hoped for result of the work/activities described above?**
Creation of 15 wildlife shelters, enhanced wildlife cover and increased populations of wildlife.
 - 3. How will you measure the quality of your product or impact of your service?**
The quality of work will be measured by the increased populations of wildlife observed several years after project completion.
 - 4. By what standard will you gauge success?**
Completion of 15 wildlife shelters. Also, by the local community response to the project and by improved future wildlife populations. The success will also be measured by the involvement of and the ability to compliment the local area's on going Blue Earth River Basin Initiative (BERBI) project.

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

The 150,000 people living in the BERBI project area will either directly or indirectly benefit from the flood restoration and prevention project. There are millions of people downstream of the project area who will receive benefits as the Minnesota River flows into the Mississippi River.

X27A
Y27C

COMMUNITY SERVICE OBJECTIVES

Objective 9

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Warren, Minnesota
River Beautification & Flood Control (1 - RDT/8 PL&E)
SITE SUPERVISOR: David Rose **PHONE:** (218) 746-6107 **COUNTY:** Marshall & Polk

COMPONENTS OF OBJECTIVE STATEMENTS: Remove debris from the 3 major river systems to prevent flood damage to private land & public facilities/roads which will help improve water quality.

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

Remove debris from the 3 major river systems with a goal of 25 miles the 1st year.

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

Reduce potential for flood damage to both private and public property, thus improving water quality.

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

Improve stream flow and reduction of debris in channels.

4. By what standard will you gauge success?

70% reduction in log jams at bridges and culverts. 50% less water erosion on private property located adjacent to river systems.

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

All the residents of Marshall and Northwest Polk counties.

COMMUNITY SERVICE OBJECTIVES
Objective 10

GRANTEE: USDA Natural Resources Conservation Service **SITE:** Warren, Minnesota
River Beautification & Flood Control (1 - RDT/8 PL&E)
SITE SUPERVISOR: David Rose **PHONE:** (218) 746-6107 **COUNTY:** Marshall & Polk

COMPONENTS OF OBJECTIVE STATEMENTS: Enhance habitat for wildlife by creating "Cabins for Critters" using the debris removed from the river system.

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- 1. What work will be done? What service activities will your participants engage in?**
Take debris and make wildlife shelters (Cabins for Critters) on areas adjacent to the river systems. Goal the 1st year is to do this along the 25 miles of river system that has had the debris removed. A minimum of 20 wildlife shelters will be constructed.
 - 2. What is the hoped for result of the work/activities described above?**
More shelter for birds and animals.
 - 3. How will you measure the quality of your product or impact of your service?**
Construction will meet wildlife habitat standards from either the Natural Resources Conservation Service, the Minnesota Department of natural Resources or the US Fish and Wildlife Service.
 - 4. By what standard will you gauge success?**
Success will be gauged by the local community response to the project and by improved future wildlife populations. Evaluations will be made during the winter to determine wildlife use and to predict increased survival rates. Enhance availability of wildlife cover and therefore decrease the potential for winter loss in bird and animal populations by 10%.
 - 5. How many individuals will receive the benefit of the work your participants perform?**
All residents of Marshall and Northwest Polk counties.

COMMUNITY SERVICE OBJECTIVES
Objective 11

GRANTEE: USDA Natural Resources Conservation Service
River Beautification & Flood Control (1 - RDT/
8 PL&E)

SITE: Warren, Minnesota

SITE SUPERVISOR: David Rose

PHONE: (218) 746-6107

COUNTY: Marshall & Polk

COMPONENTS OF OBJECTIVE STATEMENTS: Plant trees/shrubs in identified areas along the 3 river systems where Dutch Elm disease has devastated the American Elm trees.

1. What work will be done? What service activities will your participants engage in?
The goal of the 1st year is to plant 5,000 trees/shrubs along 25 miles of the river system.

2. What is the hoped for result of the work/activities described above?
Reforestation of riparian areas along river system.

3. How will you measure the quality of your product or impact of your service?
Successful establishment of trees/shrubs.

4. By what standard will you gauge success?
75% survival rate of newly planted trees/shrubs.

5. How many individuals will receive the benefit of the work your participants perform?
All residents of Marshall and Northwest Polk counties; especially those living along these sections of the river systems.

COMMUNITY SERVICE OBJECTIVES
Objective 4

GRANTEE: USDA Natural Resources Conservation Service
Clearwater Feedlot (1 Member - RDT)
SITE SUPERVISOR: Fred Kollman

SITE: Thief River Falls, Minnesota
COUNTY: Pennington

PHONE: (218) 681-6600

COMPONENTS OF OBJECTIVE STATEMENTS: Improve the water quality of the Clearwater River and its tributaries by identifying and suggesting corrective measures for potential "problem" feedlots.

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- 1. What work will be done? What service activities will your participants engage in?**
Prepare inventory of type & number of animals within the 26 priority feedlots identified within the Clearwater River Nonpoint Pollution Project Report. Determine the type of waste management system employed at each individual feedlot. Survey the 26 priority feedlots to determine the area of the animal lot, tributary area and the slope of the land adjacent to the receiving waters. Set up and run the Feedlot Evaluation Program (FLEVAL) to determine which feedlots are potential polluters. Identify the needed structural and nonstructural corrective measures for reducing feedlot impacts on the adjacent surface water systems.
 - 2. What is the hoped for result of the work/activities described above?**
Establishment of a cost-share program to address the needed structural and nonstructural corrective measures for reducing feedlot impacts and the handling of animal waste.
 - 3. How will you measure the quality of your product or impact of your service?**
Quality & impact will be measured by the percentage of the 26 feedlots that are inspected, surveyed, evaluated, and upgraded as a result of this program.
 - 4. By what standard will you gauge success?**
The goal is to get 80% of the 26 producers that are found to be potential polluters to adopt BMP's and to change their practices to achieve improved water quality.

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

There will be direct benefit to 26 high priority livestock producers. Utilization of the FLEVAL program will allow this approach to be used to forecast water quality impacts by feedlots in similar situations anywhere. Anyone utilizing these water resources will reap the benefit of improved water quality.

COMMUNITY SERVICE OBJECTIVES

Objective 5

GRANTEE: USDA Natural Resources Conservation Service
Clearwater Feedlot (1 Member - RDT)

SITE: Thief River Falls, Minnesota

SITE SUPERVISOR: Fred Kollman

PHONE: (218) 681-6600

COUNTY: Pennington

COMPONENTS OF OBJECTIVE STATEMENTS: Provide informational & educational materials.

1. **What work will be done? What service activities will your participants engage in?**
Create materials to be sent to livestock producers that were found to be potential polluters. The materials will explain the benefits of installing waste management systems.
2. **What is the hoped for result of the work/activities described above?**
All of the original 26 producers that are found to be potential produces will upgrade their animal waste systems.
3. **How will you measure the quality of your product or impact of your service?**
Will be measured by the percentage of the 26 feedlots that are inspected, surveyed, evaluated, and upgraded as a result of this project.
4. **By what standard will you gauge success?**
The goal is to get 80% of the 26 producers that are found to be potential polluters to adopt BMP's and to change their practices to achieve improved water quality.
5. **How many individuals will receive the benefit of the work your participants perform?**
There will be a direct benefit to 26 high priority livestock produces. Anyone utilizing these water resources will reap the benefit of improved water quality. Dissemination of educational materials will not be limited to the original 26 livestock producers.