

Catalog of State Protection Development Grants

Fiscal Year 1991

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EPA'S WETLANDS PROTECTION PROGRAM

EPA's Wetlands Division is located within the Office of Wetlands, Oceans, and Watersheds. This office combined the Office of Wetlands, the Office of Marine and Estuarine Protection with the non-point source program. The Wetlands Division is divided into two branches. The Wetlands and Aquatic Resources Regulatory Branch manages all the section 404 activities except State program assumption. These activities include the development of policy, guidance, and regulations; revision of the Federal Wetlands Delineation Manual; most general section 404 program development, management and Regional assistance; and handling of elevated cases under 404(q), preparation of final 404(c) determinations, and case-related assistance to the Regions. The Wetlands Strategies and State Programs Branch manages State and local program development activities; works with other government agencies (other than section 404 actions); public information and education; initiatives in such areas as comprehensive planning; ecosystem-level protection projects; development of technical methods and information; liaison with other EPA programs such as water quality standards and non-point source control; and liaison with the research community.

Field activities are carried out by wetlands staff in EPA's ten Regional Offices. Regional wetlands protection contacts are listed in Appendix II.

For information about the State Wetlands Protection Development Grants Program, contact either the Regional Office appropriate for your State or write to:

U.S. Environmental Protection Agency
Wetlands Division (A-104F)
Wetlands Strategies and State Programs Branch
401 M Street, SW
Washington, DC 20460

By telephone call Lori Williams at 202-260-5084.

STATE WETLANDS PROTECTION DEVELOPMENT GRANTS

The State Wetlands Grant Program was established in Fiscal Year 1990 to support development of new State wetlands protection programs or to support refinement/enhancement of existing State wetlands programs. Grant funds were made available to State wetlands regulatory/protection agencies as well as

State agencies with wetlands related programs. These can include, but are not limited to, section 401 water quality certification agencies, State planning offices, State natural resource agencies, as well as many others with wetlands related programs. Federally recognized Indian Tribes are also eligible for funding under this grant program.

In the initial year of the grants program, Congress appropriated \$1 million to support the program. In Fiscal Year 1991, \$5 million was appropriated to support the grant program.

The grant guidance (Appendix III) for the first two years of the grant program was written to support a wide variety of projects including, but not limited to development of State Wetlands Conservation Plans, wetland water quality standards, monitoring status and trends of wetlands, wetlands planning initiatives, and integrating wetlands into traditional water and natural resource programs.

HIGHLIGHTS OF THE GRANT PROGRAM

State response to EPA's State Wetlands Protection Development Grant Program has been enthusiastic. States have always been interested in and involved in wetlands protection, but their efforts may have been hampered by lack of Federal financial assistance. This grant program opened many opportunities for States to be creative in thinking about ways to improve existing programs or come up with new ideas for wetlands protection.

State interest in the grants program increased significantly in the second year of the program as States became more aware of funding availability. In the first year of the grant program, EPA received approximately 50 applications requesting \$3 million of Federal funds--from 35 States, 4 Tribes, 1 Territory and 1 local community. EPA awarded the \$1 million available to 23 grants to 21 States and 1 Indian Tribe. In the second year, EPA received approximately 140 applications requesting \$13 million of Federal funds--from 45 States, 19 Indian Tribes and 2 Territories. EPA awarded the \$5 million available to 60 grants to 40 States, 7 Indian Tribes and 1 Territory.

Development of State Wetland Conservation Plans (SWCP) is an area that received great interest by States. EPA awarded grants to Delaware, Michigan, New Jersey, Ohio and Oregon to develop State Wetland Conservation Plans. EPA also awarded grants to Missouri, North Dakota, Oklahoma, and Texas to begin work to develop a SWCP or components of a SWCP. The intent of a SWCP is to improve the effectiveness and efficiency of government programs and private sector efforts to protect, restore, enhance and create wetlands in a State. The approach allows for great flexibility to accommodate the differing institutional circumstances and the levels of capability that exist among the States. The Delaware effort provides for a short-term goal to achieve no net loss of wetlands as defined by area and function and a long term goal to increase wetland quality and quantity. It also provides for a no loss goal of certain exceptional value wetlands. The Delaware SWCP will coordinate and develop opportunities

for wetland regulation, restoration, acquisition, technical assistance, incentives and education through public and private initiatives and partnerships. Plan develop includes comprehensive planning, resource inventory and assessment, building support and developing a strategy, identifying and networking mechanisms to implement the plan through regulatory and non-regulatory approaches, and plan implementation and monitoring.

The New Jersey will coordinate non-regulatory wetlands protection efforts at both the State and local levels. New Jersey proposes to initiate new government wetland management efforts and incorporate them into the existing regulatory framework to create a comprehensive program which will include public education; wetlands mapping; anticipation of needs and problems based on analysis of regional resources, trends, stresses, and values; identification of acquisition sites; and establishing a policy framework for achieving no net loss of wetlands and for the eventual increase in the quality and quantity of the State's resource base.

North Dakota will initiate several projects to build support for a more effective wetlands protection programs. The Oklahoma SWCP will identify the State's role in wetlands conservation, provide a framework for the coordination of various wetlands programs (Federal, State and local), and propose new policies or initiatives where existing authorities are inadequate.

Many States used the State Wetlands Protection Development Grant Program for development of water quality standards for wetlands and/or to improve their 401 water quality certification program to include wetlands--Arizona, California, Idaho, Indiana, Hawaii, Kentucky, Massachusetts, Michigan, Nebraska, Tennessee, Texas, Utah, Washington, West Virginia, and Wisconsin. States will develop beneficial use designations and narrative water quality standards for wetlands. Other States will develop 401 implementing regulations. States will also provide staff training on use of wetlands water quality standards and conduct public outreach to explain these efforts to the general public and the regulated sector.

Several States are using grant funds to support regional or local wetlands management planning efforts. Louisiana will be doing a cooperative effort to develop a regional plan in the Tensas River Basin. New York will develop a regional wetlands plan for the western New York Niagara Frontier area. Mississippi will develop a comprehensive wetland management strategy that addresses complex wetland issues in coastal Mississippi. This effort will focus on future economic and environmental needs, balance multiple use objectives, and integrate wetland management with socio-economic goals.

North Dakota will work to integrate a cooperative approach between water, wildlife and agriculture interests in wetland and water management projects by demonstrating that wetland programs can result in wetlands protection and profitable agriculture. The purpose of a Virginia grant is to accurately assess the role that agriculture and silviculture activities play in the conversion and degradation of non-tidal wetlands. Specific emphasis will be given to opportunities for improving harvesting and reforestation techniques in order to enhance non-tidal wetland values and opportunities to coordinate agricultural water quality best management practices programs with wetlands protection and reforestation.

Kansas and Arizona will use the grants to work to develop riparian protection programs. Delaware will use grant funds to develop a methodology to identify sites for wetlands compensation banks and wetlands restoration. Maryland will develop a strategy to identify publicly owned lands as sites for compensatory mitigation. Wyoming will develop a statewide wetland banking system which will provide adequate mitigation for wetland impacts resulting from development in the State and at the same time simplify and expedite permit processing.

Connecticut, Texas, Montana, North Carolina, and Massachusetts will do public education and staff training efforts. South Carolina will develop and implement a GIS to monitor and track wetland alterations in the State. This information will be used in making permit decisions and in monitoring cumulative impacts of projects.

INTRODUCTION TO CATALOG

States have been involved in wetlands protection for many years and have developed effective, efficient wetlands protection programs. EPA's State Wetlands Protection Development Grant Program is intended to help States increase wetlands protection at the State level and to develop new and innovative techniques and programs to protect wetlands.

The intent of this catalog is to let States and other know the range of projects that have been funded under EPA's State Wetlands Protection Development Grant Program. There is much valuable information and insight that can be gained by the work of States. States can adapt ideas/techniques/programs/products to their needs and can find out what worked or did not work in other States. This grant is intended to help with information transfer among State agencies.

ALASKA

TITLE: Wetland Evaluation Techniques for Planning and Permitting

AGENCY: Department of Fish and Game

Habitat Division

PO Box 3-2000

Juneau, AK 99802-2000

CONTACT: Ellen Fritts

907-465-4105

FUNDING: Total project \$83,560

EPA funding 62,670

State match 20,890

The purpose of this grant is to prepare a written guide that will aid State and local government agencies in preparing the fish and wildlife elements of wetland management documents. The guide is intended to:

1. identify wetland inventory methods and sources of more detailed information.
2. identify and comparatively analyze wetland assessment criteria and methods for determining fish and wildlife functions and values.
3. evaluate the appropriateness of these inventory and assessment methods for different land use planning and permitting purposes.
4. recommend how to improve applicability of various assessment techniques to different regions of Alaska.
5. recommend how to use these techniques in management decisions.

ARIZONA

TITLE: Wetlands and Riparian Areas Protection
AGENCY: Department of Environmental Quality
2005 North Central Avenue
Phoenix, AZ 85004
CONTACT: Edward Z. Fox
602-257-6917
Su Monroe
602-392-4032
FUNDING: Total project \$106,666
EPA funding 80,000
State match 26,666

The Department of Environmental Quality will use this grant to further protect riparian areas and wetlands through development of technical documents to assist the Department in development of rulemaking recommendations for implementation of an improved and innovative State water quality certification program and/or for development of riparian area legislation consistent with the Governor's Riparian Area Protection Executive Order, No. 91-6.

CALIFORNIA

TITLE: Beneficial Uses of Wetlands and Wetlands Water Quality Standards

AGENCY: State Water Resources Control Board
901 P Street
Sacramento, CA 95814
CONTACT: Marguerite Crouse (fiscal and administrative)
916-323-0695
Gerald Bowes (technical)
916-657-1029
FUNDING: Total project \$169,576
EPA funding \$127,182
State match 42,394

The Water Resources Control Board will develop wetlands beneficial use designations and narrative water quality standards. Implementation of this proposal will result in recommendations to wetlands for incorporation into the California Water Quality Control Plans (Basin Plans). A selection process by which wetlands can be categorized (according to specific characteristics) will be developed to build upon the existing protocol implemented under the California Clean Water Strategy and Water Quality Assessments.

COLORADO

TITLE: Development of a Riparian Vegetation Classification System and Inventory for the Upper Colorado River Basin
AGENCY: Colorado Department of Health
Water Quality Control Division
4210 E. 11th Avenue
Denver, CO 80220
CONTACT: Gregory Parsons
303-331-4756
FUNDING: Total project \$104,630
EPA funding 54,000
Other 50,630 (The Nature Conservancy)

The project is to develop, through a cooperative effort of State and Federal agencies and private groups, a comprehensive classification of riparian plant communities of the Upper Colorado River Basin. Sites containing high quality examples of riparian communities which merit special management and protection will be identified. The final report will be a valuable planning and management tool for land and water managers.

CONNECTICUT

TITLE: Wetlands/Watercourse Identification Training Film

AGENCY: Department of Environmental Protection

Inland Water Resources Division

State Office Building

165 Capital Avenue

Hartford, CT 06106

CONTACT: Doug Cooper

203-566-7280

FUNDING: Total project \$26,600

EPA funding 20,000

State match 6,600

Connecticut's Inland Wetlands and Watercourses Act mandates the development of a comprehensive training program for the inland wetlands agency staff. This proposal is for a training video to discuss wetlands types and delineation. The video will discuss the various types of wetlands, will discuss regulated wetlands soils, and will discuss wetlands vegetation. Section two and three of the video will utilize field footage to explain aspects of soil character and appearance. There will also be a comparison between Connecticut delineation and the Federal manual approach.

DELAWARE

TITLE: State Wetlands Conservation Plan

AGENCY: Department of Natural Resources and Environmental Control

Division of Water Resources

89 Kings Highway

PO Box 1401

Dover, DE 19903

CONTACT: Bob Zimmerman

302-739-5726

Dave Saveikis

302-739-4691

FUNDING: Total project \$324,217

EPA funding 250,000

State match 68,217

Other 6,000 (The Nature Conservancy)

The short term goal of the plan is to develop a strategy which achieves no net loss of wetlands as defined

by area and function. The long term objective is to increase wetland quantity and quality. A no-loss goal for certain exceptional wetland will be investigated. The plan will coordinate and develop opportunities for wetland regulation, restoration, acquisition, technical assistance, incentives and education through public and private initiatives and partnerships. Plan development would include comprehensive planning; resource inventory and assessment; building support and developing a strategy; identifying and networking mechanisms to implement the plan through regulatory and non-regulatory approaches; and plan implementation and monitoring.

DELAWARE

TITLE: Development of Methodology to Identify Sites for Wetland Compensation Banks and Wetlands Restoration

AGENCY: Department of Natural Resources and Environmental Control

Division of Water Resources

89 Kings Highway

PO Box 1401

Dover, DE 19903

CONTACT: Dave Saveikis

302-739-4691

FUNDING: Total project \$92,500

EPA funding 74,000

State match 18,500

The objective would be to develop the methodology which would enable developing wetland programs to anticipate wetland loss and replacement toward the implementation of a no net loss policy, and combined with site specific restoration technical requirements, establish probable sites for compensation banks and restoration activities based on projected trends in wetland losses. Methodology for evaluating and monitoring wetland status and trends would also be developed.

FLORIDA

TITLE: Wetlands Management Strategy for the St. Marys Basin

AGENCY: St. Johns River Water Management District

PO Box 1429

Palatka, FL 32117

CONTACT: Kraig McLane

904-329-4312

FUNDING: Total project \$60,000
EPA funding 45,000
State match 15,000

The St. Johns River Water Management District proposes to prepare an integrated management strategy for improving wetlands and related land and water resources protection in the St. Marys River Basin. The proposed project will serve as a basis for developing that strategy. It will provide background information about the physical and biological character of the region, examine existing regulatory and management programs in effect, and will propose mechanisms for more effective management in the future. The resource data and related information acquired by this project will form the basis for developing a long-term strategy for planning and regulation of land and water use, and identification of land to be acquired for direct management by the St. Johns Water Management District.

HAWAII

TITLE: Wetland Water Quality Standards
AGENCY: Department of Health
Environmental Planning Office
PO Box 3378
Honolulu, HI 96801
CONTACT: Brian Choy
808-543-8337
FUNDING: Total project \$80,000
EPA funding 60,000
State match 20,000

The State will develop goals and objectives for implementing the State's wetlands program--this will center on the short term goal of no net loss and the long term goal of increasing wetland quality and quantity. The State will develop narrative wetlands water quality standards. The State will also develop inter-agency coordination procedures so that the various State wetland protection efforts are consistent. The Department will participate in statewide effort to input wetland inventory data into a statewide GIS. The State will also establish a Wetlands Protection Advisory Committee.

IDAHO

TITLE: Development of 401 Program
AGENCY: Department of Health and Welfare

Division of Environmental Quality
450 W. State Street
Boise, ID 83720
CONTACT: Joan Meitl
208-334-0503
FUNDING: Total project \$95,000
EPA funding 70,000
State match 25,000

The Department of Health and Welfare will develop a wetlands protection program using their 401 certification program. The following tasks will be completed:

1. Review existing 401 certification process.
2. Examine 401 certification process used by other States.
3. Develop guidelines for application and review process.
4. Examine State water quality standards regulations for adequacy in light of proposed certification process. Rules and regulations will be analyzed to determine what changes and/or additions are needed for implementation of proposed guidelines.
5. Examine State water quality standard regulations with regard to wetlands protection.
6. Develop new water quality regulations as required to implement 401 certification process and accommodate special wetlands consideration.
7. Public information meetings will be held to introduce draft regulations and solicit public comments.
8. Revise proposed regulations.
9. Provide training to staff and other agency personnel on proposed procedures and regulations.

INDIANA

TITLE: Wetlands Section 401 Guidelines
AGENCY: Department of Environmental Management
105 South Meridian Street
Indianapolis, IN 46206-6015
CONTACT: Marty Maupin
317-243-5035
FUNDING: Total project \$53,333
EPA funding 40,000
State match 13,333

Indiana DEM will develop specific guidelines for the review of projects requiring Section 401 Water Quality Certification which will then form the basis for Water Quality Standards specific to wetlands and will prepare a report assessing the advantages and disadvantages of joint public noticing with the Corps

of Engineers.

KANSAS

TITLE: Wetlands and Riparian Areas Project AGENCY: Kansas Water Office

109 SW 9th Street, Suite 300

Topeka, KS 66612-1249

CONTACT: Kerry Wedel

913-296-0876

FUNDING: Total project \$182,563

EPA funding 130,108

State match 52,455

This is a joint project with the Kansas Water Office, the Kansas Department of Health and Environment, and the Kansas Department of Wildlife and Parks. General goals of the project are:

1. development and refinement of interagency goals, strategies, guidelines, and methods related to wetlands and riparian resource planning, management and conservation.
2. enhancement of current program and planning efforts related to wetlands and riparian area conservation and management through better interagency coordination and cooperation at all levels of government.
3. assimilation and dissemination of information to agencies, organizations, and the public regarding wetland and riparian resources and the proper management of these resources.
4. identification of interagency program information needs.
5. development of an organizational framework which can be used to foster an integrated approach to wetland and riparian area conservation in Kansas.

KENTUCKY

TITLE: Development of 401 program to Enhance Protection and Maintenance of Kentucky's Wetlands

AGENCY: Natural Resource and Environmental Protection Cabinet

Division of Water

18 Reilly Road

Frankfort, KY 40601

CONTACT: Jack Wilson

502-564-3410

FUNDING: Total project \$210,737

EPA funding 150,793
State match 52,737
Other 7,207 (Other EPA funding)

The objectives of the project are:

1. To gather biological and physicochemical data from designated wetland sites to facilitate development of protective criteria for all waters of the State.
2. To establish regional reference sites from the physiographic regions and proposed aquatic ecoregions of the State.
3. To provide wetland water quality criteria that will further support efforts in water quality certification regulation development. These will include narrative bio-criteria and numeric physicochemical criteria.

LOUISIANA

TITLE: Watershed Protection Approach (Tensas River Basin)

AGENCY: Department of Environmental Quality

Office of Water Resources

PO Box 82231

Baton Rouge, LA 70884-2231

CONTACT: Dan Wigley

504-765-0723

FUNDING: Total project \$106,667

EPA funding 80,000

State match 26,667

This is a cooperative effort with the Department of Environmental Quality, the Department of Pollution Control and Ecology, The Nature Conservancy, and Southeastern Louisiana University as well as other appropriate government and private sector representatives. The project objectives are:

1. to develop a watershed assessment of the Tensas Basin that characterizes the status and ecological risk to wetlands in the context of landscape level protection.
2. to encourage the development of a community spirit toward resource protection.
3. to provide a methodology for assessing, planning and implementing wetlands protection and restoration strategies in the context of a landscape level perspective with community input and review.
4. to establish a community outreach program that considers issues relevant to management, restoration and protection of wetlands.

LOUISIANA

TITLE: Multi-objective River Corridor Management Study
AGENCY: Department of Wildlife and Fisheries
Habitat Conservation Division
2000 Quail Drive
PO Box 98000
Baton Rouge, LA 70898-9000
CONTACT: M.B. Watson
504-765-2369
FUNDING: Total project \$154,900
EPA funding 116,175
State match 38,725

The State's long range goal is to bring all of the streams in the Louisiana Natural and Scenic River System under comprehensive, multi-use management by June 30, 1999. This grant is intended to develop and implement 12 management plans that will serve as models for the remaining streams.

MAINE

TITLE: Identification of Biodiversity Values in Ecologically Significant Wetlands in York County, Maine
AGENCY: Department of Economic and Community Development
Office of Comprehensive Planning
Natural Heritage Program
State House Station 130
Augusta, ME 04333
CONTACT: John Albright
207-289-6800
FUNDING: Total project \$42,935
EPA funding 22,635
State match 20,300

The Heritage Program will survey wetlands in York County to identify those that meet the criteria for classification as State significant. This information will be provided directly to local municipalities for their use in Maine's Growth Management Planning Initiative. The information will also be provided to State and Federal regulatory agencies and will be made available to other non-profit conservation organizations and local land trusts for conservation planning.

MARYLAND

TITLE: Strategy to Identify Publicly Owned Lands as Sites for Compensatory Mitigation

AGENCY: Department of the Environment

2500 Broening Highway

Baltimore, MD 21224

CONTACT: Janet Neundorder

301-631-3609

FUNDING: Total project \$87,100

EPA funding 65,325

State match 21,775

A staff person will be hired to work with all State agencies and institutions to identify jurisdictional boundaries and availability of lands suitable for mitigation. The person will identify impediments to the use of the lands and establish costs for removing these impediments. Costs will also be developed for suitability for various types of mitigation actions, the cost of mapping the areas, costs associated with placing the land in perpetual easement and maintaining the mitigated sites. the strategy will prioritize the tasks that need to be accomplished and will serve as a blueprint for State efforts to use public land for mitigation over the next 10 years.

MARYLAND

TITLE: Evaluation of Methods for Assessment of the Functions and Values of Non-tidal Wetlands

AGENCY: Department of Natural Resources

Water Resources Administration

Wetlands and Waterways Program

Tawes State Office Building

Annapolis, MD 21401

CONTACT: Marguerite Whilden

301-974-3841

FUNDING: Total project \$107,005

EPA funding 80,254

State match 26,751

The project would center on Maryland's regionalized version of WET (MWET). The objective is to assess whether MWET can be used to make landscape level decisions and evaluate whether a companion landscape level methodology can be developed.

MASSACHUSETTS

TITLE: 401 Certification and Functional Assessment of Wetlands at a Regional Scale

AGENCY: Department of Environmental Protection

One Winter Street

Boston, MA 02108

CONTACT: Gary Gonyea

617-292-5695

FUNDING: Total project \$245,333

EPA funding 184,000

State match 21,767

Other 39,566 (University of Massachusetts)

Project 1--integrate the 401 program and wetlands protection programs by developing written policies, amending regulations as necessary, developing new procedures, and training materials as needed.

Project 2--two tiered approach to functional assessment of wetlands. DEP will review existing regional functional assessment methodologies to identify their applicability to planning and site specific needs. A broad scale planning approach to regional wetland assessment will be developed. All the New England States will participate in this project, since the assessment methodology will be developed for use in all the New England States. A site specific approach to quantify wetland functions that have sampling procedures ready for application will be recommended.

MASSACHUSETTS

TITLE: Public Outreach and Education

AGENCY: Department of Environmental Protection

1 Winter Street

Boston, MA 02108

CONTACT: Gary Gonyea

617-292-5695

FUNDING: Total project \$78,267

EPA funding 58,700

State match 19,567

The Wetlands Conservancy Public Education and Outreach Project will provide communities with an

understanding of the importance of wetlands and the interrelationships of wetlands with other water resources. The following elements comprise the public education and outreach components:

1. printed information materials distributed to landowners identified as having wetlands on their properties.
2. slide show/video tape on importance of wetlands.
3. meetings with public officials, local environmental groups and other citizen groups.
4. workshops for Conservation Commissions to explain the project.
5. outreach through media relations.

MICHIGAN

TITLE: Water Quality Standards Assessment Procedures

AGENCY: Department of Natural Resources

Land and Water Management Division

PO Box 30028

Lansing, MI 48909-7704

CONTACT: Peg Bostwick

517-335-2694

FUNDING: Total project \$34,608

EPA funding 25,956

State match 8,652

Michigan DNR will develop assessment methods and administrative procedures to complement wetland water quality standards. Assessment methodology will be needed to assist staff in evaluating attainment of designated uses, and to determine whether these uses are likely to be maintained under a specific set of circumstances. Administrative procedures must also be developed to ensure that new standards are incorporated into appropriate Department programs.

MICHIGAN

TITLE: State Wetlands Conservation Plan

AGENCY: Department of Natural Resources

Land and Water Management Division

PO Box 30028

Lansing, MI 48909

CONTACT: Donna Chippewa

517-335-2694

FUNDING: Total project \$381,552

EPA funding 286,164

State match 95,388

The framework of the plan will explore and address wetlands issues to compliment and extend beyond the protection afforded by existing State laws. These include an outreach program; promulgation of wetland water quality standards; regulatory protection of certain critical wetlands; implementation plans for the Michigan Wetland Reclamation Initiative; and a Michigan Wetland Conservation Plan.

MISSISSIPPI

TITLE: Coastal Mississippi Wetlands Initiative

AGENCY: Department of Wildlife, Fisheries, and Parks

Bureau of Marine Resources

2620 Beach Boulevard

Biloxi, MS 39531

CONTACT: Philip Lewis

601-385-5884

FUNDING: Total project \$72,000

EPA funding 47,500

State match 3,500

Other 21,000 (Jackson County Planning Commission)

The project is to develop a comprehensive wetlands management strategy that addresses complex wetland issues in coastal Mississippi. An integrated approach which combines the key elements of planning, resource assessment, information management, and regulation will be utilized. By focusing attention on future economic and environmental needs, balancing multiple use objectives, and integrating wetland management with socio-economic goals, this project can help achieve no net loss of wetlands. While this effort focuses on Jackson County, the regulatory framework established will serve as a model for other coastal States.

MISSOURI

TITLE: State Wetlands Conservation Plan

AGENCY: Department of Natural Resources

111 Fairgrounds Road

PO Box 250
Rolla, MO 65401
CONTACT: Jane Epperson
314-751-4534
FUNDING: Total project \$127,856
EPA funding 95,892
State match 31,964

Missouri will work toward development of a State Wetland Conservation Plan. The objectives of this grant are to:

1. elicit statewide participation in the planning process by establishing a Wetlands Conservation Plan Advisory Council.
2. identify wetlands issues to be addressed in the Conservation Plan.
3. prioritize the wetlands issues.
4. promulgate a state-wide wetlands policy.
5. develop a public education strategy on wetlands.
6. develop possible implementation strategies.

MONTANA

TITLE: Montana Wetlands: Information, Education, and Training
AGENCY: Department of Natural Resources and Conservation
1520 East Sixth Avenue
Helena, MT 59620-2301
CONTACT: Ray Beck
406-444-6667
FUNDING: Total project \$94,620
EPA funding 63,900
State match 30,720

The Montana Riparian Education Committee was established in 1988 to inform landowners about the economic and water quality benefits of properly managed riparian areas. The Education Committee proposes the following projects:

1. Information and Education Program--riparian workshop for landowners, brochure on streamside management practices, video on rancher application of riparian-wetland management, stream improvement handbook.
2. Provide EPA a revised Montana Riparian-Wetland Habitat Type Classification.
3. Analyze the statewide riparian-wetland data base according to the Federal Manual to ermine which

habitat and community types may be classified as wetlands.

4. Train one professional to become a trainer for Montana on jurisdictional wetlands.

5. Field test the jurisdiction criteria on selected pilot field projects.

NEBRASKA

TITLE: Water Quality Standards

AGENCY: Department of Environmental Control

Water Quality Division

PO Box 98922, Statehouse Station

Lincoln, NE 68509-8922

CONTACT: Steven Walker

402-471-4700

FUNDING: Total project \$141,334

EPA funding 106,000

State match 35,334

The goals of this grant are to:

1. facilitate the achievement of a policy of no net loss of wetlands in Nebraska.

2. enhance the protection of State wetlands.

3. provide a more consistent and defensible basis for issuing, denying, or conditioning 401 water quality certification for Section 404 permits.

NEW HAMPSHIRE

TITLE: Identification of Ecologically Significant Wetlands in the Lower Merrimack River Valley

AGENCY: Department of Resources and Economic Development

172 Pembroke Road

Concord, NH 03302

CONTACT: Frankie Tolman

603-271-3623

FUNDING: Total project \$45,345

EPA funding 24,700

State match 20,645

The objective of this project is to identify rare or exemplary wetland communities in the lower

Merrimack River Valley. The information will be given to local municipalities to facilitate local land use planning and project review. The information will also be available to State agencies, EPA, regional planning commissions, and other State and Federal agencies with regulatory or planning processes.

NEW HAMPSHIRE

TITLE: Wetlands Mapping

AGENCY: Office of State Planning

2 ½ Beacon Street

Concord, NH 03301

CONTACT: James McLaughlin

603-271-2155

FUNDING: Total project \$123,500

EPA funding 75,000

State match 48,500

This project involves the close cooperation of several State agencies (Environmental Services, State Planning, and Transportation) as well as EPA, regional planning agencies, conservation organizations, and local communities. The techniques to be developed are based on innovative uses of new technologies and are transferable to other States. The principal product will be a digital coverage of the State's wetlands at a scale suitable for land and water resource planning and management purposes.

NEW JERSEY

TITLE: State Wetlands Conservation Plan

AGENCY: Department of Environmental Protection

Division of Coastal Resources

CN 401

Trenton, NJ 08625

CONTACT: Robert Tudor

609-984-3444

FUNDING: Total project \$200,000

EPA funding 150,000

State match 50,000

New Jersey will coordinate non-regulatory wetlands protection efforts at both the State and local government levels. While New Jersey currently has a very strong wetlands regulatory program, there are

gaps in the program that point to the need for more than regulation if the State is to have a comprehensive wetlands protection program. New Jersey proposes to initiate new government wetlands management efforts and incorporate them into the existing regulatory framework to create a comprehensive program which will include: public education; wetlands mapping; anticipation of needs and problems based on analyses of regional resources, trends, stresses, and values; identification of acquisition sites; and establishment of a policy framework for achieving no net loss of wetlands and for the eventual increase in the quality and quantity of the State's wetlands resource base.

NEW YORK

TITLE: Western New York Cooperative Wetlands Protection Project

AGENCY: Department of Environmental Conservation

Division of Fish and Wildlife

50 Wolf Road

Albany, NY 12233-4757

CONTACT: Pat Riexinger

518-457-9713

FUNDING: Total project \$124,000

EPA funding 99,000

State match 25,000

The project is to develop a regional wetlands plan for the western New York Niagara Frontier area. The area is undergoing continued economic development. A relatively large percentage of the area is wetland or supports hydric soils. Public perception of these areas is that they are old agricultural fields; the public does not perceive them as wetlands. Confusion, frustration and opposition to wetlands protection has resulted in the area. A comprehensive, cooperative process is needed to resolve the problems facing wetlands protection in the area. Various levels of government can work together to achieve a balance of development needs and environmental values. Public understanding and involvement is essential to the effort. A coordinated strategy can lead to comprehensive local wetlands management plans that can provide a blueprint for effectively protecting wetlands resources, to facilitate timely and effective permit decisions, and to coordinate and involve all interested parties in the effort.

NORTH CAROLINA

TITLE: Wetlands Training

AGENCY: Department of Environment, Health, and Natural Resources

Division of Environmental Management

Water Quality Section
PO Box 27687
Raleigh, NC 27611-7687
CONTACT: John Dorney
919-733-5083
FUNDING: Total project \$148,524
EPA funding 111,393
State match 37,131

An in-depth wetland training program will be developed for the regional offices targeting regional staff. The training program will revolve around the North Carolina Wetland Manual which will include sections on NC wetlands plants, animals, and soils; wetland values and functions by wetland types; and NC regulations and procedures. Videos will be developed to include relevant Federal and State agency programs. The grant will provide training sessions in at least each of the seven State regions for all interested local, State, and Federal agency staff. A special effort will be made to reach local planning and community development officials.

NORTH DAKOTA

TITLE: Development of Wetlands Protection Program
AGENCY: North Dakota Game and Fish Department
100 N. Bismarck Expressway
Bismarck, ND 58501-5095
CONTACT: Paul Schadewald
701-221-6328
FUNDING: Total project \$123,500
EPA funding 80,500
State 23,000
Other 10,000 (State Water Commission)
10,000 (Garrison Diversion Conservancy District)

The North Dakota Game and Fish Department will initiate several projects to build support for a more effective wetlands protection program.

1. To expand and refine wetlands protection planning and the internal and external coordination program of the North Dakota Action Group.
2. To address the refinement, enhancement, and practical workability of the State's no net loss system by assisting private landowners in working through no net loss processes and procedures, by integrating North Dakota's no net loss program with other State and Federal wetlands initiatives and procedures, by improving banking procedures to more accurately track debits and credits.

3. By increasing North Dakota's involvement and participation in the 314 and 319 programs.
4. Review North Dakota's water allocation process to insure that natural resource and public trust values are considered in water development and allocation procedures.

NORTH DAKOTA

TITLE: Agriculture Outreach

AGENCY: North Dakota State Water Commission

State Office Building

900 East Blvd.

Bismarck, ND 58505

CONTACT: Mike Dwyer

701-223-4615

FUNDING: Total project \$90,000

EPA funding 65,000

State match 15,000

Other 10,000 (North Dakota Wetlands Trust and North Dakota Water Users Association)

The purpose of the grant is to work with key individuals and groups to integrate the cooperative approach between water, wildlife and agriculture into all wetland and water management projects and programs in North Dakota, by demonstrating that wetland programs can result in wetland protection and profitable agriculture. The goals are:

1. To provide accurate information on how the cooperative approach between water, wildlife and agriculture interests is workable.
2. To provide training to wetland policy and program implementors on techniques to implement the cooperative approach and the no net loss of wetlands program and techniques for conflict resolution.
3. To provide information and training to landowners, local decision makers, natural resource professionals, and water managers for implementation of the no net loss of wetlands program.
4. To continue to build consensus on wetlands and water management projects to provide benefits for water, agriculture, and wildlife.
5. To bring together water, wildlife and agriculture interests into a state-wide assembly to discuss various perspectives of wetlands protection issues and to develop consensus and implementation of North Dakota's wetlands policy.

OHIO

TITLE: State Comprehensive Wetlands Protection Strategy
AGENCY: Environmental Protection Agency
Water Quality Planning and Assessment
1800 WaterMark Drive
Columbus, OH 43215
CONTACT: Gail Hess
614-644-2146
FUNDING: Total project \$240,000
EPA funding 180,000
State match 60,000

Activity One is to develop a State Comprehensive Wetlands Protection Strategy which will clearly define the direction the State should take to provide broad-based wetlands protection. Ohio EPA will coordinate the development of the strategy with other State agencies as well as county, local and regional governments with significant input from the private sector and Federal agencies. Activity Two will strengthen Ohio EPA's existing wetlands program through the development of water quality standards for wetlands and guidelines for wetland mitigation projects. Activity Three will be a review of Ohio EPA program areas with the potential to provide wetlands protection.

OKLAHOMA

TITLE: Oklahoma Wetland Conservation Plan
AGENCY: Department of Pollution Control
Pollution Control Coordinating Board
PO Box 53054
Oklahoma City, OK 73152
CONTACT: Lawrence Edmison
405-271-4468
FUNDING: Total project \$75,000
EPA funding 60,000
State match 15,000

The Plan will identify the State's role in wetlands conservation, provide a framework for the coordination of various wetlands programs (Federal, State, and local), and propose new policies or initiatives where existing authorities are inadequate. The process for developing the Plan is development of a wetlands policy statement and the purpose and objectives of the Plan; identification of existing regulatory and non-regulatory wetlands activities; determine the status of Oklahoma's wetlands using available information; elements of the plan; implementation of the plan; and development of wetland education programs and training.

OREGON

TITLE: State Wetland Conservation Plan
AGENCY: Division of State Lands
Environmental Planning and Permit Section
775 Summer Street NE
Salem, OR 97310-1337
CONTACT: Earle Johnson
503-378-3805
FUNDING: Total project \$446,600
EPA funding 317,286
State match
Other

The State proposes to develop a State Wetland Conservation Plan which will build on the State's existing wetlands protection programs. The Plan will consist of several major elements including State policy/law, local planning, regulatory programs, education and restoration-preservation. Items to be funded include:

1. development of overall management framework for integrating State and Federal agency activities.
2. development of wetland function assessment methodology.
3. local wetland conservation plan guidance and support.
4. development of water quality standards for wetlands.
5. wetland water quality monitoring and disturbed site evaluations for water quality standard development and functional assessment methodology.
6. development/publishing wetland plant book.

SOUTH CAROLINA

TITLE: Development and Implementation of GIS to Monitor and Track Wetland Alterations in the State
AGENCY: Department of Health and Environmental Control
Bureau of Water Pollution Control
2600 Bull Street
Columbia, SC 19201
CONTACT: Sally Knowles
803-734-5311
FUNDING: Total project \$140,605

EPA funding 99,351
State match 5,800
Other 35,454 (SC Land Resources Conservation Commission and SC Wildlife and Marine Resources Department)

This is a cooperative project with the Department of Health and Environmental Control, the Land Resources Conservation Commission, and the Wildlife and Marine Resources Department to develop and implement a GIS to monitor and track wetlands alterations within the State. This information will be used in making permit decisions and in monitoring cumulative impacts of projects.

SOUTH DAKOTA

TITLE: Development of Comprehensive Wetlands Program
AGENCY: South Dakota Department of Water and Natural Resources
523 East Capitol, Suite 425
Pierre, SD 57501-3181
CONTACT: Mark Steichen
605-773-4216
FUNDING: Total project \$122,405
EPA funding 91,805
State match 30,600

The project is development and implementation of a comprehensive statewide wetland protection program. Goals of the effort are: 1. to establish a South Dakota Wetlands Protection Program supervised by the South Dakota Wetlands Advisory Group and coordinated by a wetlands coordinator. 2. to provide coordination and support of wetlands protection efforts between various private, State and Federal agencies and the general public. 3. to assist with refinement and enhancement of existing wetland protection programs.

TENNESSEE

TITLE: Wetlands Water Quality Standards
AGENCY: Department of Conservation
Division of Water Pollution Control
Terra Building
150 Ninth Avenue North
Nashville, TN 37243-0438

CONTACT: Garey Mabry

615-741-6623

FUNDING: Total project \$133,350

EPA funding 100,000

State match 33,350

The State will develop water quality standards for wetlands by revising Tennessee's Water Quality Standards in accordance with EPA's Operating Guidance.

TEXAS

TITLE: Preliminary Steps to a Texas Wetlands Conservation Plan

AGENCY: General Land Office

Resource Management and Development

Stephen F. Austin Bldg.

1700 N. Congress Suite 730

Austin, TX 78701

CONTACT: Jennifer Thompson

512-475-1457

FUNDING: Total project \$144,720

EPA funding 108,540

State match 36,180

The Texas General Land Office (GLO), in cooperation with the Texas Water Commission and the Texas Parks and Wildlife Department, will initiate a cooperative effort to prepare to establish a Texas Wetland Conservation Plan. The purpose is to plan and to put into action the procedures of the GLO that would lead up to a Conservation Plan. The project will define GLO's responsibilities over its public lands and its responsibilities to network and to examine future steps with the other major Federal State and local entities. The five tasks are interagency coordination of coastal wetlands permits; publication of a guide and training sessions for coastal managers on the permitting process; wetlands appraisal based on functions and values; river bottom floodplain management and acquisition programs survey; and coastal wetlands mitigation policies.

TEXAS

TITLE: San Marcos River Study

AGENCY: Texas Parks and Wildlife Department

Resource Protection Division
4200 Smith School Road
Austin, TX 78744
CONTACT: Robert Spain
512-388-4725
FUNDING: Total project \$82,770
EPA funding 62,078
State match 20,692

The agency will develop baseline information on the San Marcos River as a case study for a Texas rivers program. Information developed will assist the development of conservation plans on State rivers and will assist in developing a state-wide rivers program.

TEXAS

TITLE: Improved Wetlands Protection under Section 401 Certification
AGENCY: Texas Water Commission
Water Quality Division
PO Box 13087, Capitol Station
Austin, TX 78711
CONTACT: John Janak
512-463-8109
FUNDING: Total project \$83,148
EPA funding 62,361
State match 20,787

This project will allow the Commission to develop Section 401 certification procedures necessary to evaluate Section 404 projects for compliance with stream standards, implement a Memorandum of Understanding between the General Land Office and the Texas Parks and Wildlife Department in order to coordinate wetlands protection, and provide interagency staff training on new adopted procedures for wetlands protection.

UTAH

TITLE: 401 Certification Program
AGENCY: Utah Department of Health
Division of Environmental Health

288 North 1460 West
PO Box 16690
Salt Lake City, UT 84116-0690
CONTACT: Don Ostler
801-538-6146
FUNDING: Total project \$80,000
EPA funding 60,000
State match 20,000

The project is to expand the current Section 401 capabilities, develop water quality standards for wetlands, develop methodology for the implementation of the standards through monitoring strategies and modeling techniques for wetlands, and participate in the development of a statewide wetland protection policy.

VERMONT

TITLE: Wetlands Mapping Assistance
AGENCY: Department of Environmental Conservation
103 South Main Street
Building 1 South
Waterbury, VT 05676
CONTACT: William Brierley
802-244-8757
FUNDING: Total project \$75,607
EPA funding 56,705
State match 11,772
Local 7,130 (Towns of Bennington, Manchester, and Rutland)

The Vermont Wetlands Office relies heavily on the National Wetlands Inventory maps for project review. The Vermont wetland rules designate for protection selected categories of wetlands on the NWI. The NWI maps do not consistently identify wetlands under 3-5 acres and have limitations on wetland boundaries. These new photos will provide immediate, significant benefit by enabling the Wetlands Office to review many more projects and to make more accurate boundary determinations. The Corps and the Wetlands Office will use these maps in conjunction with ground visits to determine if violations have occurred. Workshops with regional planning commissions will be held on use of these aerial photographs.

VERMONT

TITLE: Identification of Ecologically Significant Wetlands in Chittenden County: A Prototype Natural Heritage Inventory

AGENCY: Agency of Natural Resources

Department of Fish and Game

Nongame and Natural Heritage Program

103 South Main Street

Building 10 South

Waterbury, VT 05676

CONTACT: Christopher Fichtel

802-244-7340

FUNDING: Total project \$24,486

EPA funding 15,330

State match 1,716

Other 7,440 (The Nature Conservancy)

The most outstanding examples of wetlands natural communities, rare wetland natural community types, and wetlands supporting rare, threatened and endangered plants and animals in Chittenden County will be identified. This information will be provided to municipal planning and resource commissions for land use and acquisition planning and to facilitate local site review. The information will also be provided to the Vermont Wetlands Office, EPA, and the Corps of Engineers for wetlands permitting and enforcement.

VIRGINIA

TITLE: Comprehensive Assessment of State and Federal Non-tidal Wetlands Programs with Recommendations for Program Coordination, Enhancement, and Development

AGENCY: Council on the Environment

202 N. Ninth Street

Ninth Street Office Building, Suite 900

Richmond, VA 23219

CONTACT: Hannah Crew

804-786-4500

FUNDING: Total project \$36,886

EPA funding 17,500

State match 19,386

The purpose of the grant is to accurately assess the role that agriculture and silviculture activities play in the conversion and degradation of non-tidal wetlands. It will provide staff resources which will be

dedicated to the correlation of agriculture and silviculture activities; relevant management problems and wetlands loss. Specific emphasis will be given to opportunities for improving harvesting and reforestation techniques in order to enhance non-tidal wetland values; and opportunities to coordinate agricultural water quality BMP programs with wetlands protection and restoration.

VIRGINIA

TITLE: Enhancement of Technical Support for Tidal Wetlands Management

AGENCY: Virginia Institute of Marine Science

PO Box 1346

Gloucester Point, VA 23062

CONTACT: Betty Jones

804-642-7027

FUNDING: Total project \$88,165

EPA funding 66,124

State match 22,041

VIMS intends to establish a functional link between the inventory data base and the permit data base. This system will enable wetlands staff to access, use and update information contained in the GIS data base. Project reviewers will have access to previous management actions both at the site and in the surrounding area. The project will enable wetland management actions to be geo-referenced, thereby creating a potential for expanded availability of both historical management actions and current technical information.

VIRGINIA

TITLE: Assessment of the Habitat Function of Emergent Wetlands for Breeding Birds in Virginia

AGENCY: Department of Game and Inland Fisheries

Wildlife Division

Nongame and Endangered Species Program

PO Box 11104

Richmond, VA 23230-1104

CONTACT: Karen Terwilliger

804-367-6913

FUNDING: Total project \$51,724

EPA funding 38,793

State match 12,931

Little is known about the population and distribution of many wetland-dependent birds in the coastal plain of Virginia. Knowledge of species status is essential to sound management of both the avian species and the wetlands which they inhabit. The study will benefit Virginia and other eastern States by furthering the knowledge of functional values of wetlands and enhancement of the ability to evaluate impacts of proposed shoreline activities. The project relates directly to the Corps of Engineers assessment of the value and impact of the wetlands in terms of permitting and mitigation.

WASHINGTON

TITLE: Water Quality Permit Writers Guidance for Water Quality Standards for Wetlands

AGENCY: Department of Ecology

Wetlands Section

Mail Stop PV-11

Olympia, WA 98504

CONTACT: Mary Burg

206-459-6790

FUNDING: Total project \$109,392

EPA funding 82,044

State match 27,348

To effectively utilize wetland water quality standards by providing a guidance document and other technical information to assist water quality permit writers and other in the use of wetland water quality criteria. The guidance document for wetland water quality standards would be included in the existing permit writers manual used by the Department and as a stand alone document for others who want to use the information. The objectives of the permit writers manual are:

1. define minimum standards for permit writing.
2. ensure statewide consistency.
3. provide a central document to place new information, guidance, and requirements related to permit writing.
4. serve as a resource for new permit writers.
5. train new permit writers.
6. demonstrate to the regulated community and others what the agency does in permitting.

WEST VIRGINIA

TITLE: Wetland Water Quality Standards, Regulations, and Policy
AGENCY: Department of Commerce, Labor, and Environmental Resources

Division of Natural Resources

Water Resources Section

1201 Greenbrier Street

Charleston, WV 25311

CONTACT: Barbara Taylor

304-256-6850

FUNDING: Total project \$53,125

EPA funding 42,500

State match 10,625

West Virginia's existing water quality standards implicitly include wetlands but do not recognize the unique characteristics and uses of wetland resources. To build upon the basic narrative standard, specific wetland uses would be identified and a policy for implementing the narrative standards would be developed. The proposed narrative standards would be submitted to the WV Legislature for the 1992 session.

WISCONSIN

TITLE: Tools to Implement Wetland Water Quality Standards

AGENCY: Department of Natural Resources

Bureau of Water Regulation and Zoning

Water Regulation Section

PO Box 7921

Madison, WI 53707

CONTACT: Scott Hausmann

608-266-7360

FUNDING: Total project \$167,953

EPA funding 125,965

State match 41,988

Evaluation procedures, decision criteria, and similar essential information will be developed for the key actors in implementing wetland water quality standards. Products include procedural and technical guidance for staff making water quality certifications; a guide to compliance with wetland water quality standards for Section 404 permit applicants; training materials and training recommendations. The products will promote consistency and accuracy in water quality certifications as well as advance understanding of wetlands and wetland decision making among the regulated community.

WYOMING

TITLE: Mitigation Bank
AGENCY: Department of Environmental Quality
122 West 25th Street, 4th Floor West
Cheyenne, WY 82002
CONTACT: William Garland
307-777-7781
FUNDING: Total project \$72,800
EPA funding 54,600
State match 18,200

The purpose of this project is to develop a statewide wetlands banking system which will provide adequate mitigation for wetland impacts resulting from development in the State and at the same time simplify and expedite the permitting process, where possible.

MILLE LACS

TITLE: Water Quality Standards for Wetlands
AGENCY: Mille Lacs Band of Chippewa
Natural Resources and Environmental
HCR 67 Box 194
Onamia, MN 56359
CONTACT: Don Wedll
612-532-4181
FUNDING: Total project \$62,635
EPA funding 45,593
Tribal match 17,042

The Tribe will develop water quality standards for wetlands that are both quantitative and qualitative.

MISSISSIPPI BAND OF CHOCTAW INDIANS

TITLE: Resources Assessment
AGENCY: Office of Economic Development
Forestry Division
PO Box 6005
Philadelphia, MS 39350
CONTACT: Joe Gardinski
601-656-5251 ext. 409
FUNDING: Total project \$48,751
EPA funding 36,313
Tribal match 12,438

The initial objective will be to delineate wetlands both on the ground as well as by mapping. This information will then be used to develop Tribal regulations regarding use of these areas. Activities would be regulated and standards defined to provide monitoring and protection according to EPA's anti-degradation regulations.

PENOBSCOT NATION

TITLE: Wetlands Inventory, Assessment and Classification
AGENCY: Penobscot Indian Nation
Department of Natural Resources
6 River Road
Indian Island
Old Town, ME 04468
CONTACT: John Banks
Heather Westra
207-827-7776 ext. 230
FUNDING: Total project \$62,500
EPA funding 46,875
Tribal match 15,265

The Penobscot Nation will undertake an assessment of its territory to determine wetland acreage, the function of value of the identified wetlands, and to classify these acres according to the State of Maine Natural Resources Protection Act criteria. The wetlands inventory and assessment will lead to the development of a Tribal Wetlands Protection Plan which will protect the functions and values of wetlands while allowing for necessary economic development to occur in an environmentally sound manner.

POARCH BAND OF CREEK INDIANS

TITLE: Comprehensive Wetlands Protection Program

AGENCY: Poarch Band of Creek Indians

Route 3 Box 243-A

Atmore, AL 36502

CONTACT: James Martin

205-368-9136

FUNDING: Total project \$46,200

EPA funding 34,650

Tribal match 11,550

The objective of this project is to research, develop, and design a comprehensive wetlands protection program that is appropriate or suitable for adoption by the Poarch Creek Tribe and that may be transferrable to other Tribes. Task I is inventory and assessment of wetlands on Tribal lands. Task II is developing a Tribal wetlands protection policy or program that meets the needs of the Tribe. Task III is a public education program to educate Tribal members about the value of wetlands and means of protection.

SEMINOLE TRIBE OF FLORIDA

TITLE: Wetlands Assessment on Tribal Lands

AGENCY: Seminole Tribe of Florida

6073 Stirling Boulevard

Hollywood, FL 33024

CONTACT: Craig Tepper

305-964-4879

FUNDING: Total project \$65,000

EPA funding 39,000

Tribal match 26,000

Tribal employees will be trained to recognize and delineate wetlands. The project will assess the wetlands resources of the Tribal Reservation and provide the data base from which the Tribe can develop environmental laws to protect wetlands. These laws will be developed for the purpose of enforcement and the permitting of activities which impact this resource.

SHOSHONE-BANNOCK

TITLE: Development of Wetlands Program
AGENCY: Shoshone-Bannock Tribes
Fort Hall Indian Reservation
PO Box 306
Fort Hall, ID 83203
CONTACT: John Helsel
208-238-3700
FUNDING: Total project \$85,660
EPA funding 57,660
Tribal match 28,000

The Tribe's approach to developing a comprehensive wetlands protection program is to:

1. inventory of wetland areas suitable for restoration.
2. develop a Tribal Wetlands Conservation Plan.
3. integrate wetlands habitat protection into current environmental regulatory programs.
4. designate wetlands as Outstanding Resource Waters and adopt a Wetlands Protection Act.
5. Design and construct a demonstration wetlands restoration project.

WHITE EARTH

TITLE: Resource Survey and Implementation Planning
AGENCY: White Earth Reservation
Biology Department
Route 1 Box 270
Ponsford, MN 56575
CONTACT: Michael Swan
218-573-3007
FUNDING: Total project \$67,920
EPA funding 39,915
Tribal match 28,005

The project will research data, investigate on-site, train personnel, and survey the location of wetlands within the Reservation. The project will start by adopting a no net loss of wetlands policy, set water quality standards, and inventory wetlands base for the Reservation. A management plan will be written to protect all wetlands on the Reservation.

AMERICAN SAMOA

TITLE: Wetlands Protection Plan

AGENCY: American Samoa Government

Office of the Governor

Pago Pago, American Samoa 96799

CONTACT: Pati Faiiai

FUNDING: Total project \$50,000

EPA funding 50,000

No match required; waiver authorized by legislation

The American Samoa EPA (ASEPA) is working with the American Samoa Coastal Management Program (ASCMP) to support the planning effort to be undertaken for wetlands protection in Samoa. Work is underway to complete a Wetlands Management Plan for the major wetlands of Tutuila Island. This grant would enhance the ASCMP effort by conducting a workshop for village leaders to educate them on the value of their wetlands. The workshop will involve meetings and field trips in Hawaii where they will be able to see degraded, protected and restored wetlands and meet with other native Hawaiian leaders who actively participate in resource management. The education of the village leaders is vitally important for successful implementation of the management plan.

APPENDIX I GRANTEE BY TOPIC

401 Water Quality Certification Arizona

Idaho

Indiana

Massachusetts

Nebraska

Texas

Utah

West Virginia

Agriculture North Dakota

Virginia

Assessment Methodology Maryland

Massachusetts

Virginia

Classification Colorado

Maine

Montana

Penobscot Nation

Geographic Specific Planning Florida

Louisiana

Mississippi

New York

GIS South Carolina

Virginia

Inventory Choctaw Tribe

New Hampshire

Penobscot Nation

Poarch Creek

Shoshone-Bannock Tribe

Vermont

White Earth

Local Planning Alaska

American Samoa

Maine

New Hampshire

Vermont

Mitigation Banking Delaware

Maryland

Wyoming

Multi-objective River Corridor Planning Louisiana

Texas

Program Development South Dakota

Public Information Kansas

Massachusetts

Montana

North Dakota

Poarch Creek

Riparian Arizona
Colorado
Kansas
Montana

State Wetland Conservation Plan Delaware
Michigan
Missouri
New Jersey
North Dakota
Ohio
Oklahoma
Oregon
Texas

Training Connecticut
Maine
Montana
Penobscot Nation

Wetland Water Quality Standards California
Hawaii
Kentucky
Michigan
Mille Lacs
Nebraska
Tennessee
Washington
West Virginia
Wisconsin

APPENDIX II EPA WETLAND CONTACTS

REGION I (CN, ME, MA, NH, RI, VT)

Doug Thompson
Wetlands Protection Section (WWP-1900)
John F. Kennedy Federal Building
Boston, MA 02203

617-565-4422

REGION II (NJ, NY, PR, VI)

Dan Montella
Wetlands Section (2WM-MWP)
26 Federal Plaza
New York, NY 10278
212-264-5170

REGION III (DE, DC, MD, PA, VA, WV)

Barbara D'Angelo
Wetlands and Marine Policy Section (3ES42)
841 Chestnut Street
Philadelphia, PA 19107
215-597-9301

REGION IV (AL, FL, GA, KY, MS, NC, SC, TN)

Gail Vanderhoogt
Watershed Protection Section
Water Management Division
345 Courtland Street, NE
Atlanta, GA 30365
404-347-2126

REGION V (IL, IN, MI, MN, OH, WI)

Doug Ehorn
Wetlands and Watershed Section (5WQW-16J)
Water Quality Branch
77 West Jackson Boulevard
Chicago, IL 60604-3590
312-353-2308

REGION VI (AR, LA, NM, OK, TX)

Beverly Ethridge
Technical Assistance Section (6E-FT)
1445 Ross Avenue
Dallas, TX 75202

214-655-2263

REGION VII (IA, KS, MO, NE)

Diane Hershberger
Wetlands Protection Section
726 Minnesota Avenue
Kansas City, KS 66101
913-551-7573

REGION VIII (CO, MT, ND, SD, UT, WY)

Gene Reetz
Wetlands Protection Section (8WM-WQ)
999 18th Street
Denver, CO 80202
303-293-1568

REGION IX (AZ, CA, HI, NV, GUAM, AMERICAN SAMOA, NORTHERN MARIANA ISLANDS, TRUST TERRITORY OF THE PACIFIC ISLANDS)

Phil Oshida
Wetlands Section (W-7-1)
75 Hawthorne Street
San Francisco, CA 94105
415-744-1971

REGION X (AK, ID, OR, WA)

Bill Riley
Water Resources Assessment Section (WD-128)
1200 Sixth Avenue
Seattle, WA 98101
206-442-1412

HEADQUARTERS

Lori Williams
EPA
Wetlands Division (A-104F)

Wetland Strategies and State Programs Branch
401 M Street, SW
Washington, DC 20460
202-260-5084

APPENDIX III FY91 GRANT GUIDANCE

Announcement of Grant Availability

State Wetlands Protection Development Grant Program

The U.S. Environmental Protection Agency (EPA) has adopted, for its program, the goal of the National Wetlands Policy Forum to achieve no overall net loss of the nation's remaining wetlands base, and where feasible, to increase the quality and quantity of the nation's wetlands resource base. EPA has long recognized the crucial role States can play in protecting the nation's wetlands, and has worked with States to develop their interest, authority, and capability to assume the Federal Section 404 Clean Water Act program or to develop alternative wetlands protection programs. This effort has been hampered by the lack of direct Federal funding to support State wetlands protection programs. States have been able to use Section 106 or 205 funds for wetlands programs, but this has generally not been a realistic option because of full allocation of those funds to other State water quality programs.

Congress appropriated \$5 million to support this grant initiative in FY91, a significant increase from the \$1 million funded in FY90. These funds will be used to support aspects of EPA's January 1989 Wetlands Action Plan developed in response to recommendations of the National Wetlands Policy Forum. The Action Plan states that "EPA will provide guidance, technical assistance, and support to enhance the role of state and local governments in both regulatory and nonregulatory wetlands protection efforts."

These grant funds will be made available to State agencies administering or developing wetlands programs, as well as to State water quality (Section 401) agencies. Additionally, State agencies with wetlands related programs outside the State wetlands program are eligible for funding. Indian Tribes are also eligible for consideration for funding under this grant program. Federally recognized Indian Tribes are encouraged to apply for grants to develop their wetlands protection capability to assume the Section 404 dredge and fill permit program as authorized under §518 of the Clean Water Act.

Funding Standards

These State grants will be awarded under the authority of §104(b)(3) of the Clean Water Act. This grant authority is for research, experiments, training, demonstrations, surveys and studies related to development of wetlands protection programs.

The key word in the above paragraph is development. These grants are not for operation support of State

wetlands programs. They are to support development of new wetlands protection programs, refinement/enhancement of existing programs for example, broadening the scope of activities regulated, fixing operational problems or development of specific methods (e.g., enforcement, monitoring, etc.) Program development activities that are innovative or experimental instead of routine approaches previously used will receive priority. Another key word that EPA will emphasize in assessing grant applications is transferability; that is, whether the technology/program developed under a grant to a State can be adapted for use by other States.

Allocation

The EPA FY91 Congressional appropriation includes \$5 million for State wetlands program development. The Regional allotment will be based on the number of States within the Region. EPA is not required to award a grant to every State or to distribute a specific amount of money to any one State.

States will be expected to provide at least a 25% match for the Federal funds awarded through this grant program. Each grant project must be completed with the initial award; incremental funding will not be provided.

Procedure

Grant applications should be sent to appropriate EPA Regional office by the established deadline. The regional office will review all grant applications received and select the ones for funding. EPA Headquarters may provide supplemental funding for particularly meritorious proposals. The criteria for selection outlined in this document will be used to make funding decisions. Regional office staff will be available to advise States on developing good grant proposals.

The Standard Application Form (SF 424), Non-Construction Grant form, should be used to apply for these grants. These forms are available in the regional grants offices. Quality Assurance/Quality Control and peer review are not applicable for these grants (40 CFR 31.45).

Selection

Grants to be funded should provide for research, investigations, experiments, training, demonstrations, surveys and studies that support the initial development of a State's wetlands protection program or that support enhancement/refinement of a State's existing program. Ongoing effective State wetlands programs can be augmented in many ways, for example, by expanding the scope of activities regulated or geographic coverage.

There are a number of criteria that will be considered in deciding which projects will be selected for funding:

- Innovation

New, innovative approaches to wetlands protection will be given emphasis, especially those that are transferable to other States.

- Potential environmental results

Those projects which are likely to result in direct protection of wetlands resources will receive priority over projects with more speculative results.

- Action orientation

Planning and strategies to protect wetlands should include a definitive implementation strategy. The best plans and strategies are worthless unless they are implemented and become operational.

Suggested types of projects

The listing below of suggested fundable projects is intended as a guide to the types of projects eligible for funding under this program. This list is not intended to be exhaustive, but just to give an idea of the broad, developmental projects that could be funded . EPA will give equal consideration to other types of projects, as long as they fit within the constraints of the grant program and merit funding under the selection criteria.

- State Wetlands Conservation Plans

The National Wetlands Policy Forum recommended that all States undertake the preparation of State Wetlands Conservation Plans (SWCP). A State can develop the framework for an effective, implementable SWCP. A SWCP should incorporate many components, such as regulatory programs; financial incentives; acquisition and easements; monitoring; planning approaches; information and education; funding mechanisms to support the programs; training on delineating wetlands, functions and values, and restoration techniques; and mechanisms to coordinate among levels of government.

- Integration of wetlands into traditional water/natural resource programs.

Many States can more effectively integrate wetlands protection into traditional water and natural resource management programs. States can develop a strategy and implementation plan to integrate wetlands protection into (1) traditional water programs such as nonpoint source control, floodplain management, stormwater management, water quality protection, or other surface water programs, and/or (2) traditional natural resource protection programs such as habitat protection/management, acquisition, and recreation.

- Multi-objective river corridor management

Multi-objective river corridor management is a planning process that addresses multiple use of rivers and adjacent areas, such as recreation, habitat protection, water quality, historic preservation, and open space. Types of multi-objective river corridor projects may include (but are not limited to) greenway projects, heritage projects, restoration projects, statewide river assessments, statewide river management plans and river corridor projects. Managing for multiple uses often requires creative, innovative approaches. The State can devise a statewide multi-objective plan, emphasizing wetlands protection. The plan should incorporate Federal, State and local roles in problem solving and implementation.

- Water Quality Standards

Approximately half of the States include wetlands in their definition of State waters for purposes of water quality standards. The development of water quality standards for wetlands can be an important step for a wide array of regulatory and nonregulatory activities including Section 401 certification, monitoring, point and nonpoint source controls and RCRA/CERCLA actions. A project to develop water quality standards for wetlands can include a number of approaches.

--Develop water quality standards specifically for wetlands, designating wetlands uses and developing narrative and/or numeric criteria;

--Designate wetlands as outstanding resource waters, in which water quality must be maintained and protected according to EPA's regulations on anti-degradation.

- Incorporate wetlands into the Section 401 program

States may grant, deny, or condition "certification" for a federally permitted or licensed activity that may result in a discharge to waters of the U.S. The most important regulatory tools for effective implementation of Section 401 are a State's water quality standards regulations and its regulations and guidelines implementing Section 401. There are a number of options for developing or strengthening State programs:

--Adoption of formal regulations implementing State authority to grant, deny, or condition water quality certification;

--Development of water quality standards for wetlands (see previous example).

- Expanding activities covered and/or geographic jurisdiction of existing regulatory programs.

Many States' wetlands protection programs are limited in terms of geographic scope of coverage. Problems include size limitations for regulated wetlands, limited plant lists to establish jurisdiction, and requirements for direct surface water contact to "large" waterbodies to establish jurisdiction. Other State wetland protection programs are limited in terms of the scope of activities regulated. This may result from broad exemptions for categories of activities, or because the program addresses only discharge activities (like the Section 404 program). States can work to modify these jurisdiction or operational limitations and expand the effectiveness of their programs. Such efforts might include drafting legislation, developing new or revised regulations, and increasing public awareness of the issues.

- Wetlands planning initiative

The National Wetlands Policy Forum recommended that State and local governments, with the support and participation of Federal agencies, undertake planning for wetlands to achieve no overall net loss and to strive toward a net increase in the wetlands inventory. Advance planning provides the context for coordinating actions among agencies and for addressing the cumulative effect of wetland losses with a particular geographic area. Any planning efforts funded under this

grant program should include a definitive implementation strategy. This might include a mechanism to factor planning results into permit decisions; the development of expedited permit decision-making or mitigation requirements; or the identification of areas suitable for acquisition or restoration. Local planning initiatives will be considered for funding only if they are part of an overall State effort and are funded through a State agency with State involvement/commitment.

- Monitoring

States are now required to report on the status of their wetland resources through the Clean Water Action Section 305(b) reports. There are often many sources of information related to physical inventory and functional integrity collected by universities, State agencies, and private organizations. States may wish to develop a monitoring program to coordinate existing and potential future monitoring efforts for inclusion into their 305(b) reports. This information would also be useful for States characterizing their wetland water quality standards or other uses within their programs. States may also consider developing a status and trends methodology to assess wetlands losses within the State and develop a program to regulate these losses.