

99C-138

TITLE: Colusa Basin Watershed Project

APPLICANT:	Colusa County RCD	Colusa Basin Drainage District
ADDRESS:	100 Sunrise Blvd., Suite B Colusa, CA 95932	P.O. Box 312 Woodland, CA 95776
TELEPHONE:	(530) 458-2931 Ext. 3	(530) 795-3038
FAX:	(530) 458-3683	(530) 795-4745

AMOUNT OF FUNDING REQUESTED: \$492,500 for three years

TOPIC: Watershed Planning and Implementation

GEOGRAPHICAL AREA: Sacramento River and Tributaries

PRIMARY SPECIES: Winter-Run Chinook Salmon, Delta Smelt, and Migratory Birds

TYPE OF APPLICANT: Local Government/District

TYPE OF PROJECT: Implementation

Specify the ERP strategic objective and target (s) that the project addresses. Include page numbers from January 1999 version of ERP Volume I and II: ERP Volume II, pages 234-244; The Colusa Watershed Project addresses the strategic objectives and targets through habitat enhancement and restoration of riparian areas and associated rangeland and wetlands within the Colusa Basin Ecological Management Zone.

By signing below, the applicant declares the following:

- (1) The truthfulness of all representation in their proposal;
- (2) The individual signing the form is entitled to submit the application on behalf of the applicant (if the applicant is an entity or organization);
- (3) The person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section 2.4) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.

Brian T. Ash
Colusa County RCD

CHRISTY SCOFIELD, DISTRICT ONE
E. DOUGLAS WHITE, DISTRICT TWO
JERRY L. MALTBY, DISTRICT THREE
WILLIAM R. WAITE, DISTRICT FOUR
DAVID G. WOMBLE, DISTRICT FIVE

BOARD CHAMBERS
COUNTY COURTHOUSE
549 JAY STREET
COLUSA, CALIFORNIA 95932

COUNTY OF COLUSA
BOARD OF SUPERVISORS



KATHLEEN MORAN, COUNTY CLERK
(530) 458-0500

NANCY NEWLIN
CHIEF CLERK TO THE BOARD
(530) 458-0508

YOLANDA TIRADO, CLERK TO THE BOARD
(530) 458-0508

FAX: (530) 458-0510

April 13, 1999

Mr. Jay Dee Garr, Treasurer
Colusa County Resource Conservation District
100 Sunrise Blvd., Suite B
Colusa, CA 95932

Re: Colusa Basin Watershed Habitat Restoration Proposal

Dear Mr. Garr:

The Colusa County Board of Supervisors have reviewed your proposal to CALFED for Ecosystem Restoration Program funding, and on April 13, 1999, the Board of Supervisors agreed to support your proposal.

We believe that management of upstream rain runoff has a positive effect on downstream properties, and will enhance the wildlife habitat. Runoff management also has a positive effect on the overall economy of the County by protecting the existing infrastructure from damage. This program may have a small impact on the overall flooding problem, but each project will add cumulatively to the management of the flooding problem in Colusa County. These projects may be a catalyst for other similar projects, which will complement future proposals by the Colusa Basin Drainage District.

Sincerely,

A handwritten signature in cursive script that reads "Jerry L. Maltby".

Jerry L. Maltby, Chairman
Colusa County Board of Supervisors

/s/



Conserving California's waterfowl, wetlands, and waterfowling heritage.

April 15, 1999

Colusa County RCD
100 Sunrise Blvd., Suite B
Colusa, CA 95932

RE: Colusa Basin Watershed Habitat Restoration Project

Dear Sir or Madam:

The California Waterfowl Association (CWA) has reviewed the Colusa County Resource Conservation District's proposal to CALFED for the Colusa Basin Watershed Habitat Restoration Project and is in full support of the project.

CWA is especially interested in the considerable benefits to migratory waterfowl a project such as this creates; however, the project would additionally provide valuable habitat for numerous other wildlife species. Preserving and enhancing habitat for migratory birds is an important key to their survival. Critical wetland habitat areas are decreasing as wetlands are converted to other uses and continued development pressures threaten migratory avian species existence. The Colusa Basin Project will help counteract this trend by restoring and enhancing the wetland habitat that so many waterfowl and other wildlife species depend on.

CWA is proud to support the Colusa Basin Watershed Habitat Restoration Project. If you have any questions or feel that I can be of further assistance please feel free to call me at the phone number below.

Sincerely,

D.W.P. David W. Patterson
Director of Wetland Programs

/es



**California
Waterfowl
Association**

4530 Northgate Blvd.
Suite 150
Sacramento, CA 95831

TEL: (916) 648-1406
FAX: (916) 648-1665



RECLAMATION
DISTRICT

108

975 Wilson Bend Road
P. O. Box 50
Grimes, CA 95950
(530) 437-2221
fax: (530) 437-2248
e-mail:
rd108@colusar.net.com

Trustees

Frederick J. Dust
President
James H. Balsdon
Vice President
Emery Poundstone
Peter Spahr
Jack Wallace

General Manager
Luther P. Hintz

Attorneys

Douney, Brand, Seymour
& Rohrer
Sacramento, California

Engineers

Langenour & Mittle
Woodland, California

April 14, 1999

Colusa County Resource
Conservation District
100 Sunrise Blvd, Suite B
Colusa, CA 95932

Re: Colusa Basin Watershed Habitat Restoration Project

Gentlemen:

We have reviewed Colusa County Resource Conservation District's Stewardship Project Proposal for the Colusa Basin Drain Watershed Project which you plan to submit on April 16 to CALFED for funding under the Ecosystem Restoration Program.

As you know, 20 miles of the Colusa Basin Drain forms the westerly boundary of Reclamation District No. 108. This District is responsible for maintaining the integrity of the flood control levee and the ecosystem habitat along the Drain in our area.

This is to advise you that RD108 supports the efforts of Colusa County Resource Conservation District as set forth in your proposal and will be interested in working with you on the project as it affects this District and the Colusa Basin Watershed.

Very truly yours,

Luther P. Hintz
General Manager

c: Board of Trustees
Rich Jenness
Gaye Lopez

April 13, 1999

Colusa Resource Conservation District
100 Sunrise Blvd., Suite B
Colusa, CA 95932

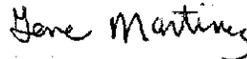
Subject: Colusa Basin Watershed Habitat Restoration Proposal

As the 100 percent title owner of the 11.3 acre property in question, I confirm that I am a willing participant in the proposed multipurpose habitat restoration project to be submitted on April 16, 1999 for funding by the CALFED Ecosystem Restoration Program.

I understand this project will integrate environmental, agricultural and floodplain management practices to improve and restore riparian, aquatic and/or wetland habitats for numerous plant and wildlife species.

I look forward to cooperating with your proposed habitat restoration project for the Colusa Basin Watershed.

Truly yours,



Gene Martinez
Landowner

Colusa Resource Conservation District
100 Sunrise Blvd., Suite B
Colusa, CA 95932

April 12, 1999

Subject: Colusa Basin Watershed Habitat Restoration Proposal

As the owner of the 1800 acre property in question,
I confirm that I am willing to participate in the
proposed multipurpose habitat restoration project to
be submitted on April 16, 1999 for funding by the
CAIFED Ecosystem Restoration Program.

I understand this project will integrate environmental,
Agricultural and floodplain management practices to improve
and restore riparian, aquatic and/or wetland habitats
for numerous plant and wildlife species.

I look forward to cooperating with your proposed
habitat restoration project for the Colusa Basin Watershed.

Sincerely,
Tom Haffner
Landowner

April 5, 1999

Mr. Jim Snyder
Colusa Resource Conservation District
100 Sunrise Blvd., Suite B
Colusa, CA 95932

Fax: (530) 458-3683

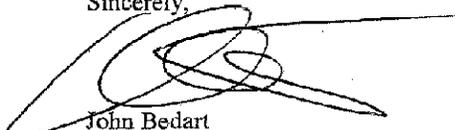
Subject: Colusa Basin Watershed Habitat Restoration Proposal

As the 100 percent title owner of approximately 850 acres of property in question, I confirm that I am a willing participant in the proposed multipurpose habitat restoration project to be submitted on April 16, 1999 for funding by the CALFED Ecosystem Restoration Program.

I understand this project will integrate environmental, agricultural and floodplain management practices to improve and restore riparian, aquatic and/or wetland habitats for numerous plant and wildlife species.

I look forward to cooperating with your proposed habitat restoration project for the Colusa Basin Watershed.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Bedart', written over a large, stylized scribble.

John Bedart
Landowner

Colusa Resource Conservation District
100 Sunrise Blvd., Suite B
Colusa, CA 95932

April 8, 1999

Subject: Colusa Basin Watershed Habitat Restoration Proposal

As the 100 percent title owner of sizable acreage in the Colusa Basin Drainage area, I confirm that I support the proposed multipurpose habitat restoration project to be submitted on April 16, 1999 for funding by the CALFED Ecosystem Restoration Program.

I understand this project will integrate environmental, agricultural and floodplain management practices to improve and restore riparian, aquatic and/or wetland habitats for numerous plant and wildlife species.

I look forward to cooperating with your proposed habitat restoration project for the Colusa Basin Watershed.

Sincerely,


(Bob Alvernaz)
Landowner

April 13, 1999

6590 Hillgate Rd.
Arbuckle, CA 95912

To Whom It May Concern:

Subject: Colusa Basin Watershed Habitat Restoration Proposal

As the owners of (1185) acre property in the Salt Creek/Sand Creek Watershed Habitat Restoration Proposal, we support the proposed multipurpose habitat restoration project to be submitted on April 16, 1999 for funding by the CALFED Ecosystem Restoration Program.

We understand this project will integrate environmental, agricultural and flood plain management practices to improve and restore downstream riparian, aquatic and/or wetland habitats for numerous plant and wildlife species.

We look forward to cooperating with your proposed habitat restoration project for the Colusa Basin Watershed.

Sincerely,

Brent Wiggin, Inc.

By: Brent Wiggin
Brent Wiggin - President

James Wiggin, Inc.

By: James Wiggin
James Wiggin - President

Edith E. Wiggin Family Rev. Trust

By: Brent Wiggin
Brent Wiggin - Trustee

LAUWERIJSSEN FARMS

JOE & ANNELIE LAUWERIJSSEN
6380 Hillgate Rd.
Arbuckle, CA 95912

(916) 478-2468
(916) 478-2358

Colusa Resource Conservation District
100 Sunrise Blvd., Suite B
Colusa, CA 95932

April 14, 1999

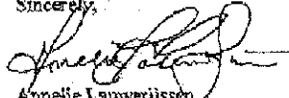
Subject: Colusa Basin Watershed Habitat Restoration Proposal

As the 100 percent title owner of the 82 acre property in question, I confirm that I am a willing participant in the proposed multipurpose habitat restoration project to be submitted on April 16, 1999 for funding by the CALFED Ecosystem Restoration Program.

I understand this project will integrate environmental, agricultural and floodplain management practices to improve and restore riparian, aquatic and / or wetland habitats for numerous plant and wildlife species.

I look forward to cooperating with your proposed habitat restoration project for the Colusa Basin Watershed.

Sincerely,



Annelie Lauwerijssen
Landowner



"Every Day is Earth Day on the Farm"

FWA
Family Water Alliance

(530) 438-2026
Fax: (530) 438-2940
E-mail: fwa@mako.com

P. O. Box 365, Maxwell, California 95955

April 15, 1999

CALFED Bay-Delta Program
Proposal Selection Committee
1416 Ninth Street
Sacramento, CA 95814

To: CALFED Proposal Selection Committee:

The Family Water Alliance (FWA) supports the Colusa County Resource Conservation District's CALFED grant proposal titled Colusa Basin Drain Watershed Project. The Colusa County RCD and FWA mutually believe that voluntary projects that respect property and water rights are the best way to protect and enhance riparian habitat. This project promises to promote the protection of anadromous species by reducing chemical residues and surface runoff.

Thank you for your consideration of this proposal. The Family Water Alliance is looking forward to our continued partnership with the Colusa County Resource Conservation District.

Sincerely,

Susan Sutton
Executive Vice president
utt



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

100 Sunrise Blvd., Suite B
Colusa, CA 95932
(530) 458-2931

April 15, 1999

CALFED Bay-Delta Program
Proposal Selection Committee
1416 Ninth Street
Sacramento, CA 95814

To: CALFED Proposal Selection Committee:

The USDA Natural Resources Conservation Service office in Colusa County strongly supports the Colusa County Resource Conservation District's (RCD) proposal entitled "Colusa Basin Watershed Project" (CBW).

The NRCS recognizes the need for improving our riparian corridors in the Colusa Basin Watershed. The practices proposed by the RCD will have a beneficial impact on the health of local and downstream river systems. The NRCS looks forward to participating with the RCD on the implementation of this project.

Thank you for your consideration of this proposal.

Roney Gutierrez

District Conservationist
USDA Colusa Field Office

II. Executive Summary

a. Project Title and Applicant Name

Title: Colusa Basin Watershed Project

Applicant: Colusa Basin Drainage District
Colusa County Resource Conservation District

b. Project Description and Primary Biological/Ecological Objectives

The Colusa Basin Drain Watershed project will serve as a watershed management project that assists private landowners in reactivating important ecological processes and functions of riparian corridors and associated rangeland and wetland, addressing non-point source pollution, flood control issues, exotic invasive weed abatement. The project will consist of 6 selected sites which will implement riparian enhancement and restoration practices to existing degraded riparian corridors and associated wetlands and rangeland to reduce the amount of surface runoff, chemical residues, and sediments flowing into the Colusa Basin Drain and Sacramento River while restoring and enhancing wildlife habitat. The project will also address exotic invasive riparian and wetland weed species such as *Arundo donax* and *Tamarix chinensis* which occur in the Colusa Basin Watershed. Each cooperating site will have a Resource Management System (RMS) plan developed utilizing an ecosystem based planning approach, and will include a three-year contract with the landowner, who will receive 75% cost-sharing for practices implemented.

c. Approach/Task/Schedule

The Colusa County Resource Conservation District (CRCD) is the lead agency in a partnership with the Colusa Basin Drainage District (CBDD) for the proposed Colusa Basin Watershed Project. The CBDD will assist with the administration, outreach, and planning which includes existing study and planning throughout the Colusa Basin Watershed. The CRCD has an MOU with the USDA Natural Resources Conservation Service (NRCS). Via the MOUs, NRCS staff will provide part-time assistance with all phases of the project. The CRCD has recently acquired additional MOUs with the United States Fish and Wildlife Service and Ducks Unlimited and will seek other MOUs during the first year with other cooperating agencies and arrange for staff to manage the project. A Steering Committee will be created, and will have the role of overseeing the project and provide public participation. The project is scheduled to begin January 1, 2000 and be completed on January 1, 2003.

Project tasks include:

Task 1: Project Management & Administration

Task 2: Public Participation

- Task 3: Select Cooperating Sites
- Task 4: Establish Monitoring Sites
- Task 5: Baseline Resource Data
- Task 6: Develop RMS Plans
- Task 7: Schedule Workshops and Tours
- Task 8: Implement RMS Plans
- Task 9: Conduct Workshops and Tours
- Task 10: Prepare Final Report

d. Justification for Project and Funding by CALFED

As documented in the Ecosystem Restoration Program Plan, "Long term ecological health of the Delta depends on the health of its component parts." The improvements made to The Colusa Basin Ecological Management Zone through this project and in the future offer a great opportunity to make a contribution to the health of the Bay Delta. The benefits of this project include improved water quality for all beneficial uses, improvement and expansion of available aquatic and terrestrial wildlife habitat. This project is expected to benefit aquatic habitat in general by enhancing, restoring, and creating healthy riparian corridors and associated wetland and rangeland through promoting shaded riverine habitat, in-stream aquatic habitat, riparian buffer strips, perennial grass cover on rangeland, and native wetland habitat. In addition, it will improve surface water infiltration, reducing runoff, and sedimentation. Moreover, this project will improve ecological functions in the Bay-Delta to support sustainable populations of diverse and valuable plant and animal species. Priority species expected to benefit from this project include: Winter-run Chinook salmon, Spring-run Chinook salmon, Late-fall run Chinook salmon, Steelhead trout as well as Green sturgeon. Secondary priority species receiving benefits will include striped bass and migratory birds.

e. Budget Costs and Third Party Impacts

a. Budget Costs	Total	CALFED Contribution
A. Personnel Services	\$250,000	\$160,000
B. Operating Expenses	\$6,500	\$6,500
C. Property Acquisitions	\$0	\$0
- Equipment	\$7,000	\$7,000
- Portable Assets	\$0	\$0
- Data Processing Equipment	\$3,000	\$3,000
- Misc., other	\$2,000	\$2,000
D. Professional and Consulting Services	\$8,000	\$9,000
E. Monitoring	\$12,000	\$12,000
F. Implementation-RMS	\$375,000	\$275,000

G. Overhead 4%	\$19,000	\$19,000
Totals- \$683,500		\$492,500

f. Applicant Qualifications

The CRCD consists of 7 volunteer directors and 2 paid staff positions including a part-time office manager and a current grant manager. The Colusa Basin Drainage District consists of an Administrative Director and a board comprised of three County Supervisors from the three counties within the Colusa Basin Watershed, three water district representatives, and three elected "at large" members. In addition to the CRCD providing a full-time project technician, the CRCD will also provide the RCD with a part-time project manager. NRCS will contribute a part-time Agricultural Engineer and other staff as needed. The RCD office manager and the CBDD executive director will provide administrative support, and CRCD project manager will assist the full time technician in the field with the landowners to develop Resource Management System plans, collect baseline data, and monitor implementation. Cooperating agencies include: USDA Natural Resources Conservation Service, United States Fish and Wildlife Service, Department of Fish and Game, California Waterfowl Association, Ducks Unlimited, Colusa Department of Public Works, Colusa Basin Drainage District and Colusa County Board of Supervisors.

g. Monitoring and Data Evaluation

The monitoring program includes photo point analysis of each practice site, measurement of ecological indicators, and a comparison of quantity and/or quality of soil and water entering the site, to that leaving it, with the objective of improving water quality via the installation of specific conservation practices scheduled in an RMS level plan. Baseline water quality and resource data will be gathered during the first year for the cooperating sites. The monitoring parameters to be studied are soil erosion, sedimentation, infiltration, runoff, and toxicity.

h. Local Support/Coordination with Other Programs/Compatibility with CALFED Objectives

There has been a strong interest by landowners to participate in the CBDW project as cooperating sites that will apply RMS level plans. Six landowners within the proposed project area have shown their support and interest in participating in the project through support letters which are included with this application. In 1998, landowners in the CBDW signed up for government assistance, in order to implement over \$500,000 worth of conservation practices on their land. These requests to participate in these projects will require over \$400,000 to implement the associated conservation practices. The implementation RMS plans on these sites will help improve the health of the Colusa Basin and the Sacramento River. A Steering Committee will serve to provide support and guidance for the project. The purpose of the steering committee will be to act as a citizen's monitoring group by making decisions and recommendations regarding progress of the project, results of surveys. In addition, it will sponsor public meetings and all educational workshops and tours.

III. Title Page

a. Title of Project

Colusa Basin Watershed Project

b. Name of Applicant

Colusa Resource Conservation District
100 Sunrise Blvd., Suite B
Colusa, California 95932

Colusa Basin Drainage District
P.O. Box 312
Woodland, CA 95776
Phone: (530) 795-3038

PROJECT MANAGER: Chris Rose, Colusa Resource Conservation District

TELEPHONE: 530-458-2931

FAX: 530-458-3683

c. Type of Organization and Tax Status

a) Local Government/District
Tax Status: Tax-Exempt

d. Tax Identification Number

94-6000508

e. Participants/Collaborators in Implementation

Cooperating Agencies:

Agency Name: USDA Natural Resources Conservation Service
Role/Contribution to Project: Provide technical assistance and/or training to project manager and/or planner on developing resource management system plans.
Formal Agreement: MOU entered upon August 2, 1990.
Contact Person: Roney Gutierrez
Phone: 530-458-2931

Agency Name: Colusa County Dept. of Public Works
Role/Contribution to Project: Construction project is within project boundaries. To serve on steering committee.
Contact Person: John Joyce; Phone: 530-458-0466

Agency Name: Colusa Basin Drainage District
Role/Contribution to Project: Partner/Project is within the Colusa Basin Drainage District CRMP.
Contact Person: Gaye Lopez; Phone: 530-795-3038

Agency Name: Colusa County Board of Supervisors
Role/Contribution to Project: Have budgeted construction funds to Flood Control Project within project watershed. To serve on steering

committee.

Contact Person: Bill Waite; Phone: 530-458-0508

IV. Project Description (maps and figures)

a. Project Description and Approach

The Colusa Basin Drain Watershed project will serve as a watershed management project that assists private landowners in addressing non-point source pollution, flood control issues, exotic invasive weed abatement, and reactivating important ecological processes and functions of riparian corridors. The project will consist of 6 selected sites which will implement riparian enhancement and restoration practices to existing degraded riparian corridors and associated wetlands to reduce the amount of surface runoff, chemical residues, and sediments flowing into the Colusa Basin Drain and Sacramento River while restoring and enhancing wildlife habitat. The project will also address exotic invasive riparian and wetland weed species such as *Arundo donax* and *Tamarix chinensis*, which occur in the Colusa Basin Watershed. Each cooperating site will have a Resource Management System (RMS) plan developed utilizing an ecosystem based planning approach. The plans will include conservation practices, improved water quality/water conservation management goals, a monitoring and educational component. Each of the six sites will be monitored using baseline data taken in the first year that will be compared to data taken in the second and third year of the project. Each cooperating site plan will call for the establishment of a three-year contract with the landowner, who will receive 75% cost-sharing for practices implemented. In order for landowners to receive 75% cost-sharing for implementing management practices, they must be willing to host at least 2 workshop/field tour during the 3-year contract. Six of the 12 cooperating sites will be selected to host a workshop/field tour activity.

Consultants and professionals will be contracted to augment the knowledge base of the RCD and NRCS staff for the purposes of educating landowners as to their role in the Clean Water Act, goals of an RMS plan in addressing water quality objectives of the Clean Water Act, writing RMS plans that incorporate a water quality monitoring component, how to implement the plan, and teach proven conservation practices that address water quality improvement in riparian corridors and associated wetlands and rangelands. Workshop materials will be provided to participants during these "hands-on" training sessions. A total of six workshops will be conducted. Field tours will be conducted at selected cooperating sites, with landowners as the target audience. Three tours being conducted in each of the 2nd and 3rd project years. The goal of these tours will be to "show-and-tell" landowners how to implement conservation practices, conduct water quality monitoring, and hear first hand from cooperating landowners about their successes/failures in implementing RMS plans. Informational mailings will be sent to all landowners within the watershed in order to keep them informed of project workshops, tours, goals, and progress. In addition, a quarterly newsletter will be distributed to landowners/managers within the CBDW project area in order to provide information on the activities and developments of the project.

A Steering Committee composed of landowners within the watershed that includes a representative from each land use, agricultural groups (Farm Bureau, Cattlemen Association, irrigation companies), and participating agencies/ groups (Colusa County RCD, Glenn County RCD, Yolo County RCD, NRCS, Colusa County Board of Supervisors, Colusa County Public Works, Extension Service, RWQCB, CBDD) will serve to provide support and guidance for the project. The steering committee will act as a citizen's monitoring group by making decisions and recommendations regarding the progress of the project and results of surveys. In addition, the committee will sponsor public meetings and all educational

workshops and tours. One survey per year will be conducted to measure landowner adaptations and attitudes towards meeting the Clean Water Act via the Resource Management System plans being demonstrated, conservation practices installed to address water quality/water conservation, and the conservation measures and water quality/water conservation issues being taught in the workshops.

The CRCD shall ensure the existence of a Steering Committee that: 1) oversees the progress and technical aspects of the project, 2) acts as a liaison between local landowners and agency representatives, and 3) coordinates educational workshops and field tours. The overall management of the project shall be guided formally through reviews with the Steering Committee. The CRCD will sponsor public meetings at least once a year in order to discuss project progress and review the plan of operations. A responsiveness summary shall be prepared for each public meeting conducted for the project. Responsiveness summaries shall be submitted to the CALFED BAY DELTA PROGRAM Contract Manager and shall be made available to the general public upon request.

The Steering Committee will produce a schedule of all workshops and tours that are to be conducted during implementation of the project. A minimum of two workshops will be conducted during each of the three project years, for a total of six workshops. A minimum of two tours will be conducted during the 2nd and 3rd project years, for a total of four tours. Landowners who have signed Resource Management System contracts as cooperating sites must be willing to host at least one workshop/tour. Six of the cooperating sites will be selected to host a workshop/tour during the three year contract.

The project manager will coordinate these workshops and tours. Advanced notice of each event will be mailed to all landowners within the watershed. Appropriate materials will be purchased to produce student educational packets, video/slide shows, and to post signs at the demonstration sites. Workshop/Tour evaluation forms will be provided to all participants for the purpose of monitoring these elements of the educational component of the project.

b. Proposed Scope of Work

TASK 1. PROJECT MANAGEMENT AND ADMINISTRATION

The Colusa County Resource Conservation District (CRCD) is the lead agency in a partnership with the Colusa Basin Drainage District for the proposed Colusa Basin Watershed Project. The CBDD will assist with the administration, outreach, and planning which includes existing study and planning throughout the Colusa Basin Watershed. The CRCD has an MOU with the USDA Natural Resources Conservation Service (NRCS). Via the MOUs, NRCS staff will provide part-time assistance with all phases of the project. The CRCD has recently acquired additional MOUs with the United States Fish and Wildlife Service and Ducks Unlimited and will seek other MOUs during the first year with other cooperating agencies and arrange for staff to manage the project. A Steering Committee will be created, and will have the role of overseeing the project and provide public participation. The project is scheduled to begin January 1, 2000 and be completed on December 31, 2002.

The CRCD consists of 7 volunteer directors and 1 paid staff position (a part-time office manager). In addition to the RCD providing a full-time project technician, and part time project manager, NRCS will provide the RCD with a part-time Agricultural Engineer and other staff as needed. The RCD office

manager and Colusa Basin Drainage District executive director will provide administrative support, while the RCD project technician and project technician does work in the field with landowners to develop Resource Management System plans, collect baseline data, and monitor implementation. The CRCDD shall be responsible for providing technical and administrative services as needed for project completion, including, but not limited to: providing staff resources for monitoring, supervising and reviewing all work performed; coordination of budgeting, scheduling, and subcontract administration. The Steering Committee and Project technician will develop a Plan of Operations, schedule tasks to be completed, project completion dates and assign project responsibilities for each task.

The project manager will be responsible for evaluating and managing project performance and will attend both CRCDD meetings and Steering Committee meetings on a regular basis. During these meetings, the manager will present a written progress report. In addition, the project manager shall prepare and submit written quarterly progress reports to the CALFED BAY-DELTA PROGRAM.

TASK 2. PUBLIC PARTICIPATION

The CRCDD shall ensure the existence of a Steering Committee to: 1) oversee the progress and technical aspects of the project, 2) act as a liaison between local landowners and agency representatives, and 3) coordinate educational workshops and field tours. The overall management of the project shall be guided formally through reviews with the Steering Committee. The CRCDD will sponsor public meetings at least once a year to discuss project progress and to review the plan of operations. A responsiveness summary shall be prepared for each public meeting conducted for the project. Responsiveness summaries shall be submitted to the CALFED BAY DELTA PROGRAM Contract Manager and shall be made available to the public upon request.

TASK 3. SELECT 6 SELECT COOPERATING SITES WITHIN WATERSHED

The Steering Committee will be responsible for developing the criteria for each of the cooperating sites, which will include riparian and associated wetland and rangeland. Criteria will include: environmental benefit of practices to be included in Resource Management System plan, availability of access for the purposes of conducting tours, landowner's capability of meeting their portion of cost-share (25% of practices) and ease of monitoring the system. Site criteria will be tabulated on a checklist and a rating system will be developed for ranking locations. Selections will be based on ranking. Six landowners within the watershed have expressed interest in participating by writing letters (attached). In order to recruit additional potential cooperators for the project, mass mailings will be conducted within the watershed.

TASK 4. ESTABLISH MONITORING SITES

The project technician with assistance from the project manager will develop a monitoring protocol which will include: description of pollutants being monitored, sampling methods to be conducted for the various land use types, sampling schedules, field data sheets to be used by staff, location where samples will be sent for analysis, method of storing and transporting samples, breakdown of equipment needed for monitoring, and all associated costs. The project manager and technician will select locations at three cooperating sites for monitoring stations. A minimum of two stations per site will be established (upstream and downstream) to monitor water quality.

The project technician will establish photo analysis points for repeat photography at each of the sites and will monitor key ecological indicators to document individual sites changes over three years. Locations will be indicated on plan maps for submission into the Resource Management System plans.

TASK 5. COLLECT ANALYZE & DOCUMENT BASELINE DATA

The project technician and/or project manager will collect initial water samples at each monitoring site to establish baseline data. The samples will be collected, stored, and transported as outlined in the monitoring protocol. Lab results will be documented for inclusion in the Resource Management System plan monitoring component. Monitoring data will be sent to a sub-contractor to be analyzed. All baseline data will be documented for inclusion in the Resource Management System plans. The project technician will document and categorize findings of both the photo point site analysis and the key ecological indicators monitoring program.

TASK 6. DEVELOP RESOURCE MANAGEMENT SYSTEM PLANS

The project technician will meet with each of the landowners and the project manager will assist in developing Resource Management System plans for each site. A checklist will be included to document the elements required for a complete Resource Management System plan. Once all the elements are present, the plan will be submitted to the Steering Committee for approval. After approval, the landowner, the CRCO, the Colusa Farm Services Agency County Committee, and the NRCS District Conservationist will review and approve the plan and the schedule of operations.

TASK 7. SCHEDULE WORKSHOPS AND TOURS

The Steering Committee will produce a schedule of all the workshops and tours to be conducted during implementation of the project. A minimum of two workshops will be conducted each of the three project years, for a total of 6 workshops. A minimum of two tours will be conducted during the 2nd and 3rd project year, for a total of four tours. Landowners who have signed Resource Management System contracts for cooperating sites must be willing to host at least one workshop/tour. Three of the cooperating sites will be selected to host a workshop/tour during the 3 year contract.

TASK 8. IMPLEMENT RMS PLANS

The project manager will coordinate the appropriate staff to assist landowners with implementation of scheduled practices in the RMS plans. Practice designs and specifications will be documented and agreed upon prior to construction. After installation, the practices will be inspected. The RMS plans will be reviewed on an annual basis. The monitoring element of the plans will begin after the practices are installed. Monitoring data will be sent to a sub-contractor to be analyzed.

TASK 9. CONDUCT WORKSHOPS AND TOURS

The project manager will assist the project technician to coordinate the workshops and tours as scheduled in Task 7. Prior to each event, announcements will be mailed to all landowners within the watershed. Appropriate materials will be purchased to produce student educational packets, video/slide shows, and to post signs at the demonstration sites. Workshop/Tour evaluation forms will be provided to all participants for the purpose of monitoring the educational component of the project.

TASK 10 PREPARE PROJECT FINAL REPORT

The project manager will prepare a draft project report, which will present results of the tasks completed. The project manager will evaluate and prepare responses to all comments made by public agencies, special districts and interested parties on the draft report. All significant comments will be incorporated into the final report and submitted to the Steering Committee for review. Upon committee approval, a final report will be sent to the CALFED Contract Manger for review and acceptance as well as other appropriate agencies.

c. Location and/or Geographic Boundaries of the Project

The Colusa Basin Watershed is located primarily within the boundaries of Colusa, Glenn and Yolo Counties. The Colusa Basin (hydrologic unit #520.21) is considered impaired waterbody, which feeds into the Sacramento River. See Attachment 1 for an illustration of the project location.

d. Expected Benefits (s)

The benefits of this project include the improvement of water quality for all beneficial uses, and the improvement and increase of aquatic and terrestrial wildlife habitat. Moreover, this project will improve ecological functions in the Bay-Delta to support sustainable populations of diverse and valuable plant and animal species. This project is expected to benefit seasonal wetland and aquatic habitat, in-stream aquatic habitat, shaded riverine habitat and associated rangeland quality. In addition, priority species expected to benefit from this project include: Winter-run Chinook salmon, Spring-run Chinook salmon, Late-fall run Chinook salmon, Steelhead trout and Green sturgeon. Secondary priority species receiving benefits will include striped bass and migratory and neotropical birds.

This project will derive its expected benefits by addressing various stressors affecting priority and secondary species and their habitat. Improvements from riparian restoration and associated rangeland and wetland will reduce problems associated with the alteration of channel form such as channel straightening, deepening and lack of floodplains. In addition, project improvements in the reduction of soil erosion and sedimentation of local creeks and sloughs will significantly decrease the deposition of fine sediments in the Colusa Basin Drain and Sacramento River. This will benefit food supplies for fish and wildlife and increase Shaded Riverine Aquatic habitat and cover and nesting habitat. In addition, the rehabilitation of riparian areas and restoration of adjacent land for buffer zones through the watershed management component of this project will directly address the loss of existing riparian zones in the CBDW project area by seeking to restore them.

Water quality stressors caused by increased contaminants, nutrient input and mobilization of contaminants due to dredging will be addressed by this project. Chemical contaminants and nutrient loads will be reduced through the watershed management component of the project. In addition, identification of pollutant sources and evaluation of effects of conservation practices will be attained through the monitoring element of the project. The problem of high water temperatures will be addressed through the increase of riparian shade and increased flows over the floodplain resulting from riparian revegetation and an improved flow hydrograph. The project will also benefit land use concerns. Resource management systems for rangeland will reduce negative grazing effects associated with loss of riparian habitat and increased erosion. Furthermore, watershed-wide restoration actions including

planning efforts, educational programs, establishing buffer zones and developing technical management practices will be applied to address stressors derived from forestry and agriculture practices.

e. Background and Ecological/Biological/Technical Justification

The Colusa Basin Watershed expanding three counties (Glenn, Colusa and Yolo) has a considerable impact on water quality in the Sacramento River and Sacramento River Delta. Surface waters within the Colusa Basin Watershed drain into the Sacramento River by way of several west-side tributaries and canals. The Colusa Drain has been identified as an impaired water body. The drain, in turn, conveys water into the Sacramento River, also an impaired water body. The Colusa Basin Watershed contains agricultural land uses, which have been identified as contributors to NPS pollution.

Once a biologically diverse system of vegetated streams, wetlands, and dry uplands, most of the watershed has been severely damaged by agricultural practices. Local creeks are flooded out each winter due to concentrated flows in the upper watershed, and runoff from low hills and fields. The watershed contains agricultural land uses, which depend heavily on irrigation water. Surface water runoff resulting from irrigation practices and precipitation is high in most of this area due in part to poor infiltration rates associated with soil compaction caused by agricultural machinery traffic and grazing animals. Soil-adsorbed pesticides in sediments as well as those carried in solution are major contributors to the contamination of surface water. The high rate of surface water runoff in this area compounds the problem. This high rate of runoff can be attributed in part to poor management practices currently being applied, practices which include, improper timing of heavy equipment operations in orchards, untimely water applications, lack of a vegetative cover leading to poor water infiltration, improper timing of grazing operations as well as poor distribution of animals in rangeland. All of these practices are known to reduce rates of water infiltration on rangeland, which leads to increased flows into drainage channels. These increases in flow volume and velocity in channels have caused head cutting and destabilization of grades in channels within the watershed. Indiscriminate gravel mining methods employed by the private and public sectors have caused further stream channel instability.

In 1998, the Colusa Basin Drain Watershed was identified as a Geographical Priority Area for resource concerns in California by the USDA Natural Resources Conservation Service. Through watershed-wide management planning, educational programs, establishment of buffer zones and application of conservation practices, the CBDW project expects to bring about sustained benefits to the local watershed and Sacramento River.

The response to the CBDW project by the community has been very positive. Over the last two years, several landowners in the CBDW have shown interest in signing up to become cooperating sites and receive assistance to implement conservation practices. The total cost for implementing these new requests is estimated to exceed \$400,000. Thus, there is a strong need for financial assistance to meet these requests, which if addressed, will significantly improve the health of the CBDW, the Colusa Basin Drain and the Sacramento River.

f. Monitoring and Data Evaluation

A Steering Committee will be formed whose purpose is to act as a citizen's monitoring group by making decisions and recommendations regarding the progress of the project and results of surveys. The committee will also be responsible for sponsoring public meetings and all educational workshops and

tours. Landowner surveys will be conducted yearly to monitor landowner opinion on RMS plans being demonstrated and their willingness to adopt practices designed to comply with the Clean Water Act.

One part of the monitoring program will compare quantity and/or quality of soil and water entering the site, to that leaving it, with the objective of improving water quality via the installation of proven conservation practices scheduled in RMS level plans. Baseline water quality and resource data will be gathered during the first year for the cooperating sites (Note: sources of NPS pollutants to Colusa Drain will be first level of data, other resource conditions will be second level).

The second part of the monitoring program will combine photo point analysis (repeat photography) and ecological monitoring to document the individual sites restoration success over the three year project period.

As part of the RMS plans, a monitoring component will be written to outline a monitoring protocol, i.e., frequency, locations, and methodology. The plans will be written during the first year and status reviews will be conducted the 2nd and 3rd years to document practice implementation and monitoring findings. The status reviews and baseline data will be made available to all interested parties on a yearly basis. Contracts will be entered upon with project cooperators to assure commitment and follow-through during the project. The monitoring parameters to be studied are:

Riparian:	erosion, sedimentation, channel integrity, wildlife
Wetland:	sediment and nutrient filtration, wildlife
Rangelands:	erosion, sedimentation, infiltration, runoff, wildlife

The project expects to continue its current working relationship with local schools which provides an opportunity for conservation education. Students will be invited to assist in monitoring as well being the target audience in presentations.

g. Implementability

The outlook for successful implementation of the project is excellent since the Colusa County RCD and partner Colusa Basin Drainage District are respected entities within the Colusa Basin Watershed. Both the RCD and the Drainage district have a history of working with landowners and with many organizations within the watershed to achieve a more biologically integrated landscape. The Colusa Basin Drainage District was formed to manage problems associated with flood control, drainage, and subsidence occurring within the 600,000 acres of valley land in the multi-county Colusa Basin. The Districts goals are to provide flood and drainage water protection, capture surface or stormwater for conservation, conjunctive use, and increased water supplies, improve water quality, and improve and enhance opportunities for restoration of wetland and riparian habitats.

The Colusa County RCD has a proven track record of implementation of conservation based on the ground practices as well as conservation education throughout Colusa County. With this proven track record comes many new and on-going relationships which are critical to the success of any project.

The Colusa County RCD currently has MOU's with the USDA, NRCS Colusa Field Office, Ducks Unlimited, California Waterfowl Association, Colusa County Public Works, Colusa Basin Drainage District, and the Colusa County Board of Supervisors. The NRCS mission includes watershed and ecosystem based assistance to private landowners. The RMS level plans that are being proposed for each cooperating site meet the goals of watershed based assistance. In addition, the Colusa County RCD will enter into Memorandum of Agreement with all interested parties to insure commitment throughout the duration of the project. MOUs will be sought with all cooperating site landowners/managers, FSA County Committee, Glenn County RCD, Yolo County RCD, United States Fish and Wildlife Service, and Department of Water Resources.

V. Costs and Schedule to Implement Proposed Project

a. BUDGET COSTS:

Project Phase and Task	Labor Hours	Salary & Benefits	Overhead Labor	Service Contracts	Material & Acquisition	Misc. and other costs	Total Costs
Task 1: Project Management & Administration	537	15,034	2,850		5,000	3,000	25,884
Task 2: Public Participation	1059	29,660	1,870			3,500	35,030
Task 3: Select Cooperating Sites	49	1,386	1,560				2,946
Task 4: Establish Monitoring Sites	559	15,640	1,820				17,460
Task 5: Baseline Resource Data	729	20,400	1,940	12,000			35,840
Task 6: Develop RMS Plans	874	24,470	2,100	4,000			30,570
Task 7: Schedule Workshops and Tours	241	6,760	1,540	4,000			12,300
Task 8: Implement RMS Plans	343	9,600	1,591	137,500	144,500		293,191
Task 9: Conduct Workshops and Tours	993	27,800	1,816				32,616
Task 10: Prepare Final Report	330	9,250	1,913				11,163
CALFED Contribution	5,714	160,000	19,000	157,500	149,500	6,500	492,500

<u>a. Budget Costs Contribution</u>	<u>Total</u>	<u>CALFED</u>
A. Personnel Services	\$250,000	\$160,000
B. Operating Expenses	\$6,500	\$6,500
C. Property Acquisitions	\$0	\$0
- Equipment	\$7,000	\$7,000
- Portable Assets	\$0	\$0
- Data Processing Equipment	\$3,000	\$3,000
- Misc., other	\$2,000	\$2,000
D. Professional and Consulting Services	\$8,000	\$8,000
E. Monitoring	\$12,000	\$12,000
F. Implementation-RMS	\$375,000	\$275,000
G. Overhead 4%	\$19,000	\$19,000

Totals-\$683,500 \$492,500

b. Scheduled milestones

Starting and Ending Dates for the Project:

Start Date: January 1, 2000
End Date: December 31, 2002.

Project Phase and Task	Start Date	Completion Date
Task 1: Project Management & Administration	Jan. 2000	Dec. 2001
Task 2: Public Participation	Feb. 2000	Nov. 2002
Task 3: Select Cooperating Sites	Feb. 2000	Mar. 2000
Task 4: Establish Monitoring Sites	Apr. 2000	Jan. 2000
Task 5: Baseline Resource Data	Apr. 2000	Feb. 2000
Task 6: Develop RMS Plan	Jul. 2000	Jan. 2000
Task 7: Schedule Workshops/Tours	Jul. 2000	Jul. 2000
Task 8: Implement RMS Plans	Jul. 2000	Nov. 2002
Task 9: Conduct Workshops & Tours	Apr. 2000	Nov. 2002
Task 10: Prepare Final Report	Oct. 2002	Dec. 2002

c. Third Party Impacts

None identified to date.

VI. Applicant Qualifications

The Colusa County Resource Conservation District consists of 7 volunteer directors and one paid staff position, (an office manager). The Colusa Basin Drainage District staff includes one paid staff position (a District Manager) and an active board comprised of one County Supervisor from each of the three counties in the Colusa Basin Watershed (Colusa/Glenn/Yolo), three water district representatives, and three elected "at large" members from each of the three counties.

In addition to the RCD providing a full-time project manager, a part-time Agricultural Engineer and other staff as needed. The RCD office manager and the Colusa Basin Drainage Districts Manager will provide administrative support. The Project Technician will work in the field with the landowners to develop Resource Management System plans, collect baseline data, and monitor implementation. The CRCD and the Colusa Basin Drainage District shall be responsible for providing administrative services as needed for project completion including but not limited to: staff resources for monitoring, supervising, and reviewing all work performed; coordination of budgeting, scheduling, and subcontract administration. The Steering Committee, Project Manager, Project Technician will develop a Plan of Operations each year, scheduling tasks to be completed, projected completion dates and who will be responsible for each task.

The project manager will be responsible for evaluating and managing the project performance. The project manager will attend both the CRCD meetings and the Steering Committee meetings on a regular basis. At the meetings the manager will present a written progress report. The following illustrates the responsibilities of individuals or groups involved with the project:

<u>Project Responsibility:</u>	<u>Individual/Group</u>
1. Act as CRCD representative for technical conduct/administration of the project on behalf of CRCD.	Project Manager
2. Submit quarterly reports to the CRCD and Steering Committee for approval prior to submission.	Project Manager
3. Develop and maintain financial records for project.	CRCD
4. Conduct Steering Committee Meetings to review project progress and allow for public comments/input.	CRCD SSCW Project Steering Committee
5. Seek Memoranda of Understanding (MOU) with local, state	CRCD Directors Steering Committee

and federal agencies as well
as special interest groups
participating on Steering Committee.

6. Produce Watershed Newsletter
on quarterly basis

Project Manager
Project Technician

7. Schedule Educational
Workshops and tours

SSCW Project
Steering Committee

8. Select cooperating sites
based on criteria.

SSCW Project Steering
Committee & Ad Hoc Group

9. Develop monitoring protocol outlining
sampling methods, materials, and schedule.

Project Technician

10. Develop RMS level plans for
each of the new alternate sites.

Project Technician,
Project Manager, Engineer

11. Establish monitoring sites at
each demonstration site.

Project Technician
Project Manager

12. Implement Practices

Landowners

13. Certify Completion of Installed Practices

Project Engineer
Project Manager

Biosketches on Responsible Individuals:

Position: Project Administrator

Individual: Gaye Lopez

Education: University of California, Davis BA Public Administration

Employer: Colusa Basin Drainage District

Experience: District Administrator, Colusa Basin Drainage District 1991- present

Position: Project Manager

Individual: Chris Rose

Education: University of California, Davis BA Political Science, Environmental Studies
and Natural Resources emphasis

Employer: Colusa Resource Conservation District

Experience: Project Manager, Yolo County RCD 1995-January 1999

Project Manager, Colusa RCD 1999- present

Position: Project Technician

Individual: To be employed

Position: Project Support

Individual: Roney Gutierrez

Education: North Carolina State University, MS Soil Science

Employer: Natural Resources Conservation Service

Experience: District Conservationist in Colusa County since August 1997

Position: Agricultural Engineer

Individual: Jack R. Alderson

Education: Cal State Chico, BS Civil Engineering
Cornell University, MS Biology

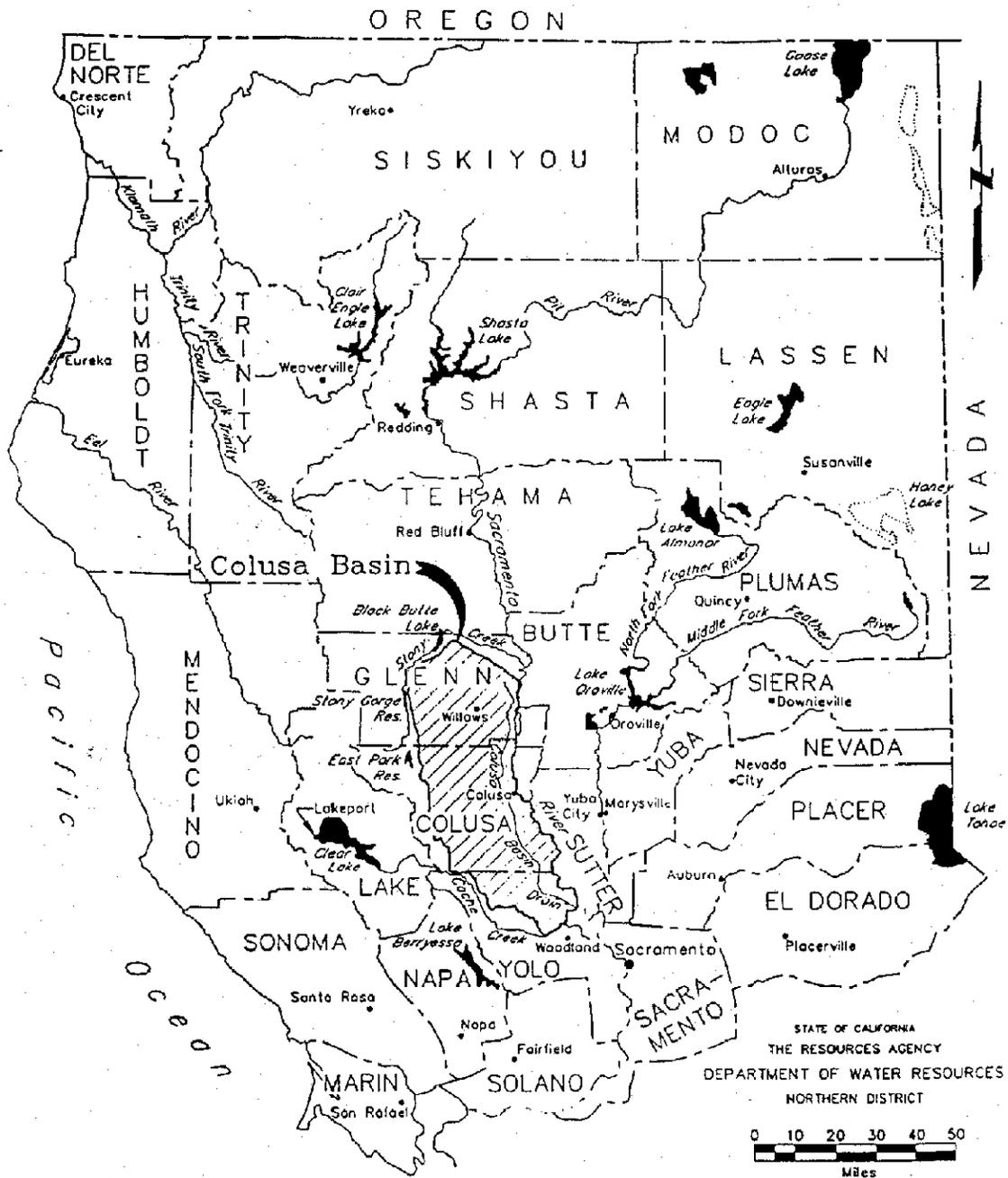
Employer: Natural Resources Conservation Service

Experience: Worked with USDA NRCS 1979 - 1983 and presently.

VII. Compliance with Standard Terms and Conditions

The terms and conditions applicable to this proposal are agreeable to and able to be complied with by the Colusa County Resource Conservation District. (See Attachment 3).

Figure 1



Colusa Basin
Location Map

I - 0 1 8 2 2 3

I-018223

**Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used; use this form for certification and sign; or use Department of the Interior Form 1854 (DI-1954). (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

**PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters -
Primary Covered Transactions**

CHECK IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE.

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- 2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -
Lower Tier Covered Transactions**

CHECK IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE.

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

100 Sunrise Blvd., Suite B, Colusa, CA 95932

Colusa County

Check if there are workplaces on file that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL.

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

**PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements**

CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT; SUBCONTRACT; OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.

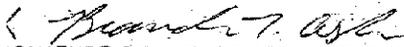
CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

I, the authorized certifying official, hereby certify that the above specified certifications are true.


SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Brandon Ash, President/ Colusa County RCD
PRINTED NAME AND TITLE

DATE April 14, 1999

**APPLICATION FOR
FEDERAL ASSISTANCE**

OMB Approval No. 0708-0182
Public Information

2. DATE SUBMITTED April 16		Applicant Identifier
3. DATE RECEIVED BY STATE April 16		State Application Identifier
4. DATE RECEIVED BY FEDERAL AGENCY		Federal Identifier

TYPE OF SUBMISSION:

Application
 Construction
 Non-Construction

Preapplication
 Construction
 Non-Construction

APPLICANT INFORMATION

Legal Name: Colusa County Resource Conservation District
 Address (give city, county, State, and zip code):
100 Sunrise Blvd., Suite B

Organizational Unit:
 Name and telephone number of person to be contacted on matters involving this application (give area code):
Chris Rose (530) 458-2931

EMPLOYER IDENTIFICATION NUMBER (EIN):
94-6000508

7. TYPE OF APPLICANT: (enter appropriate letter in box) G

A. State
 B. County
 C. Municipal
 D. Township
 E. Interstate
 F. Intermunicipal
 G. Special District

H. Independent School Dist.
 I. State Controlled Institution of Higher Learning
 J. Private University
 K. Indian Tribe
 L. Individual
 M. Profit Organization
 N. Other (Specify) _____

9. NAME OF FEDERAL AGENCY:

10. TYPE OF APPLICATION:
 New Continuation Revision

Revision, enter appropriate letter(s) in box(es):

A. Increase Award B. Decrease Award C. Increase Duration
 D. Decrease Duration Other (specify): _____

11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:
Colusa Basin Watershed Project

1. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:
 -

TITLE:
Colusa County

14. CONGRESSIONAL DISTRICTS OF:
Rep. Doug Ose (Ca. 3rd)

3. PROPOSED PROJECT <u>Colusa Basin WISD</u>	14. CONGRESSIONAL DISTRICTS OF: <u>Rep. Doug Ose (Ca. 3rd)</u>	11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: <u>Colusa Basin Watershed Project</u>
Start Date <u>Jan. 1999</u>	Ending Date <u>Dec. 2002</u>	a. Applicant <u>Colusa County RCD</u>
5. ESTIMATED FUNDING: <u>492,500</u>		b. Project <u>Colusa Basin Watershed</u>
Federal <u>492,500</u>	\$	00
Applicant	\$	191,000
State	\$	00
Local	\$	00
Other	\$	00
Program Income	\$	00
TOTAL	\$	683,500

16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?

a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON:
 DATE _____

b. No. PROGRAM IS NOT COVERED BY E. O. 12372
 OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW

17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?
 Yes If "Yes," attach an explanation. No

TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.

Type Name of Authorized Representative: Brandon Ash
 Signature of Authorized Representative: [Signature]
 Previous Edition Usable
 Authorized for Local Reproduction

b. Title
President, Colusa RCD

c. Telephone Number
(530) 458-2931

e. Date Signed
4-16-99

Standard Form 424 (Rev. 7-97)
 Prescribed by OMB Circular A-102

BUDGET INFORMATION -- Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Column a-b)
1. Administrative and legal expenses	\$ 276,500	\$ 0	\$ 276,500
2. Land, structures, rights-of-way, appraisals, etc.	\$	\$	\$
3. Relocation expenses and payments	\$	\$	\$
4. Architectural and engineering fees	\$	\$	\$
5. Other architectural and engineering fees	\$	\$	\$
6. Project inspection fees	\$	\$	\$
7. Site work	\$ 75,000	\$ 0	\$ 75,000
8. Demolition and removal	\$	\$	\$
9. Construction	\$ 300,000	\$ 0	\$ 300,000
10. Equipment	\$ 12,000	\$ 0	\$ 12,000
11. Miscellaneous	\$ 19,000	\$ 0	\$ 19,000
12. SUBTOTAL	\$ 682,500	\$ 0	\$ 682,500
13. Contingencies	\$ 0	\$	\$
14. SUBTOTAL	\$ 682,500	\$ 0	\$ 682,500
15. Project (program) income	\$ 0	\$	\$
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 682,500	\$ 0	\$ 682,500
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share). Enter the resulting Federal share.	Enter eligible costs from line 16c Multiply X 682,500 x .72	%	\$ 492,500

ASSURANCES -- CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. Secs. 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. Secs. 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. Secs. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. Secs. 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. Secs. 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) Secs. 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. Secs. 3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) any other non-discrimination provisions in the specific statute(s) under which application for Federal assistance is being made, and (j) the requirements of any other non-discrimination Statute(s) which may apply to the application.

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Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provides for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.

Will comply with the provisions of the Hatch Act (5 U.S.C. Secs. 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. Secs. 276a to 276a - 7), the Copeland Act (40 U.S.C. Secs. 276c and 18 U.S.C. Sec. 874), the Contract Work Hours and Safety Standards Act (40 U.S.C. Secs. 327-333), regarding labor standards for federally assisted construction subagreements.

Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.

Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the

National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. Secs. 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. Secs. 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).

16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. Secs. 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. Sec. 470), EO 11593 (identification and preservation of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.
19. Will comply with all applicable requirements of all other Federal laws, Executive Orders, regulations and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
<i>Frank T. Lee</i>	<i>President</i>
APPLICANT ORGANIZATION	DATE SUBMITTED
<i>COLUSA RED</i>	<i>4-16-99</i>

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