

Attachment H

COVER SHEET (PAGE 1 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Proposal Title: Environmental Agriculture Conferences and Field Tours
 Applicant Name: Committee for Sustainable Agriculture
 Mailing Address: 406 Main Street, Suite 313 Watsonville, CA 95076
 Telephone: (408) 763-2111
 Fax: (408) 763-2112

Amount of funding requested: \$ 28,000 for 1 years

Indicate the Topic for which you are applying (check only one box). Note that this is an important decision: see page ___ of the Proposal Solicitation Package for more information.

- | | |
|---|---|
| <input type="checkbox"/> Fish Passage Assessment | <input type="checkbox"/> Fish Passage Improvements |
| <input type="checkbox"/> Floodplain and Habitat Restoration | <input type="checkbox"/> Gravel Restoration |
| <input type="checkbox"/> Fish Harvest | <input type="checkbox"/> Species Life History Studies |
| <input type="checkbox"/> Watershed Planning/Implementation | <input checked="" type="checkbox"/> Education |
| <input type="checkbox"/> Fish Screen Evaluations - Alternatives and Biological Priorities | |

Indicate the geographic area of your proposal (check only one box):

- | | |
|---|---|
| <input type="checkbox"/> Sacramento River Mainstem | <input type="checkbox"/> Sacramento Tributary: _____ |
| <input type="checkbox"/> Delta | <input type="checkbox"/> East Side Delta Tributary: _____ |
| <input type="checkbox"/> Suisun Marsh and Bay | <input type="checkbox"/> San Joaquin Tributary: _____ |
| <input type="checkbox"/> San Joaquin River Mainstem | <input checked="" type="checkbox"/> Other: <u>San Joaquin Basin</u> |
| <input type="checkbox"/> Landscape (entire Bay-Delta watershed) | <input type="checkbox"/> North Bay: _____ |

Indicate the primary species which the proposal addresses (check no more than two boxes):

- | | |
|---|--|
| <input checked="" type="checkbox"/> San Joaquin and East-side Delta tributaries fall-run chinook salmon | |
| <input type="checkbox"/> Winter-run chinook salmon | <input type="checkbox"/> Spring-run chinook salmon |
| <input type="checkbox"/> Late-fall run chinook salmon | <input type="checkbox"/> Fall-run chinook salmon |
| <input type="checkbox"/> Delta smelt | <input type="checkbox"/> Longfin smelt |
| <input checked="" type="checkbox"/> Splittail | <input type="checkbox"/> Steelhead trout |
| <input type="checkbox"/> Green sturgeon | <input type="checkbox"/> Striped bass |
| <input type="checkbox"/> Migratory birds | |

COVER SHEET (PAGE 2 of 2)

May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Indicate the type of applicant (check only one box):

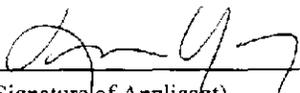
- | | |
|--|--|
| <input type="checkbox"/> State agency | <input type="checkbox"/> Federal agency |
| <input type="checkbox"/> Public/Non-profit joint venture | <input checked="" type="checkbox"/> Non-profit |
| <input type="checkbox"/> Local government/district | <input type="checkbox"/> Private party |
| <input type="checkbox"/> University | <input type="checkbox"/> Other: _____ |

Indicate the type of project (check only one box):

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> Planning | <input type="checkbox"/> Implementation |
| <input type="checkbox"/> Monitoring | <input checked="" type="checkbox"/> Education |
| <input type="checkbox"/> Research | |

By signing below, the applicant declares the following:

- (1) the truthfulness of all representations in their proposal;
- (2) the individual signing the form is entitled to submit the application on behalf of the applicant (if applicant is an entity or organization); and
- (3) the person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section II.K) 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.



(Signature of Applicant)

II. Executive Summary

The Committee for Sustainable Agriculture (CSA) proposes to present, in cooperation with the CALFED Bay-Delta Program and the US Bureau of Reclamation/US Forest Service, two (2) two-day agricultural conferences and field tours that will address conservation needs in the San Joaquin Basin for education in non-source watershed pollution from agricultural and livestock production in areas that are adjacent to or that impact the water quality, wildlife and habitats of the San Joaquin River and the Stanislaus, Merced and Tuolumne tributaries. These educational programs will bring together leading experts in the fields of agronomy, soil science, water resources management, integrated pest management, and habitat preservation to present information in environmentally sound agriculture to local growers, ranchers, agricultural advisors, and industry related businesses. The goal of these conferences is to provide educational tools that can be used to foster conservation of soil, water, wildlife, and related natural resources in these environmentally sensitive areas.

The objective of these two two-day conferences is to present agricultural best management practices to:

- improve soil quality and health
- reduce topsoil erosion and loss
- mitigate waterway aggradation caused by agriculturally induced sediment
- reduce off-site contaminants in waterways from irrigation of selenium-rich soils.
- reduce off-site impacts of pesticides, herbicides, and fertilizers on waterways and natural habitats
- reduce off-site impacts on waterways of nitrates and ammonia from livestock
- conserve and increase wildlife and habitat diversity

Each year, more than 5.8 million pounds of pesticides and herbicides are applied to agricultural ground in Stanislaus County (CDFA EPA Department of Pesticide Regulation. Pesticide Use Report, 1995). Thirteen pesticides have been detected in the San Joaquin River at levels reported to be toxic to invertebrates, with concentrations of diazinon, parathion, carbaryl, and carbofuran in excess of US EPA and CA Department of Fish and Game Hazard Assessment recommended criteria (Central Valley Regional Water Quality Control Board, Bioassay Reports, 1990 & 1995). Annually, Stanislaus, San Joaquin and Merced counties are impacted by 25% of California's estimated 55 billion pounds of livestock manure, with an estimated 20% of waterway pollution caused by livestock waste run off (Modesto Bee, Vol. 121, No. 152). Combined with fertilizer use on farmlands, these wastes are resulting in significantly increased levels of nitrates and ammonia in the San Joaquin watershed region.

Additionally, transported soil from agriculture induced erosion is impacting riparian and aquatic ecosystems through the aggradation of river channels and increases in sediment borne selenium. These chemical and sediment stressors are negatively impacting sensitive species and their habitats. Agricultural best management practices that identify and develop alternative methods of pest control can reduce the use of chemical additives and slow soil erosion, thereby reducing nonpoint source contamination of waterways. Sustainable agricultural practices also incorporate solid waste management into fertilization practices that can mitigate the environmental hazards and reduce the costs of solid waste disposal.

Species identified as primarily impacted by these stressors are fall-run chinook salmon, spawning splittail, and migratory birds. Conservation concerns that will be addressed in these conferences are erosion-caused channel aggradation, decreased water quality through increased contaminants, salinity, and nutrients, loss of riparian systems and degradation of aquatic habitats and wildlife.

Executive Summary (cont.)

Two (2) two-day conferences and field tours are proposed. Although each conference may be considered and funded as an independent project, the degree of agricultural and grazing impacts on Stanislaus watersheds would indicate the need for a comprehensive, systems-wide approach that could be best served by presentations to two distinct geographic areas: a) The West Stanislaus conference will focus on management practices that mitigate the effects of livestock and dairy production on water quality, including discussions of land use, ground and surface water quality protection, waste discharge management, biological control of parasites and pests, management intensive grazing, use of manures on forage crops, erosion control, and easements and buffer zones. b) The East Stanislaus conference will present best management practices for both row crops and orchards that mitigate soil erosion and pollution from agricultural production, including tillage practices, cover cropping, water management, integrated pest management, easements, and buffer zones.

CSA's conference and field tour methodology employs comprehensive farmer/scientist focus sessions that combine systematic workshops and panel discussions with farm tours and in-field presentations. Workshops include expert presentations and facilitated discussions that allow participants to explore state-of-the-art material and research on agricultural conservation technologies. Farm field sessions encourage an exchange of applied knowledge and practical experience between growers and conference participants, and provide a direct forum for peer counseling and strategizing. Evaluations of CSA conferences are performed through peer review in the following methods; a) demographic evaluation, b) evaluation of conference content, c) conference resourcing, d) outreach through media coverage.

The initial cooperative planning for these conferences and field tours will be held with local working groups in September and October. Actual conference production will start November 1, 1998. Both conferences and field tours have a four month production cycle and will be convened in February, 1999. Funding disbursement of \$28,000 will be requested at the completion of the project

The Committee for Sustainable Agriculture (CSA) is a non-profit 501(c)3 organization that promotes environmentally sound farming practices. Since its founding in 1980 CSA has been a leader in presenting agricultural information and practices that preserve natural resources and protect human health and the environment.

CSA has produced sustainable conferences and field tours in Stanislaus County for two years. The 1997 Sustainable Livestock and Dairy Conference and Field Tour was a pioneer project to address environmental, health and economic issues relating to livestock and dairy production. It was produced in cooperation with Modesto Junior College, and local dairyman, and featured UC Davis, UCCE, UC SAREP, and CCOF presenters. The 1998 Soil Fertility and Integrated Pest Management Conference and Field Tours were produced in cooperation with the US Environmental Agency Solid Waste Management Program, UC SAREP, the CA Integrated Waste Management Board, and Modesto Junior College. CSA has also produced conferences in the central valley for stone fruit, walnuts, almonds, and vegetable crops -- all of which are among Stanislaus County's leading commodities.

These conferences and field tours augment and enhance other ongoing educational and restoration programs by providing the latest research and techniques in sustainable agriculture. Programs that cohere to CSA's educational events include the US Environmental Agency Solid Waste Management Program, the California Integrated Waste Management Program, the USDA Equip Program, and the Community Alliance with Family Farmers (CAFF) Lighthouse and BIOS Programs.

III. Title Page

a. Project: Two Environmental Education Conferences and Field Tours to Address and Reduce the Impact of Agriculture and Livestock Production on the San Joaquin Basin Area

b. Applicant:

The Committee for Sustainable Agriculture
406 Main Street, Suite 313
Watsonville, CA 95076
Phone (408) 763-2111
Fax (408) 763-2112
Email csaefc@csa-efc.org

c. Type of Organization: Nonprofit 501(c)3 Educational Organization

d. Tax Identification Number: 68-0003547

IV. PROJECT DESCRIPTION

a. Project Description and Approach

Project Description

The Committee for Sustainable Agriculture (CSA) proposes to present, in cooperation with CALFED implementing agency US Bureau of Reclamation/US Forest Service, two (2) two-day agricultural conferences and field tours that will address conservation needs in the San Joaquin River Watershed Region for education in non-source watershed pollution from agricultural and livestock production. The geographic focus for this educational program includes all agricultural and livestock production areas that are adjacent to or that impact the water quality, wildlife and habitats of the San Joaquin River and the Stanislaus, Merced and Tuolumne tributaries. These educational programs will bring together leading experts in the fields of agronomy, soil science, water resources management, integrated pest management, and habitat preservation to present information in environmentally sound agriculture to local growers, ranchers, agricultural advisors, and industry related businesses. The goal of these conferences is to provide educational tools that can be used to foster conservation of soil, water, wildlife, and related natural resources in these environmentally sensitive areas.

The objective of these two two-day conferences is to present agricultural best management practices to:

- improve soil quality and health
- reduce topsoil erosion and loss
- mitigate waterway aggradation caused by agriculturally induced sediment
- reduce off-site contaminants in waterways from irrigation of selenium-rich soils.
- reduce off-site impacts of pesticides, herbicides, and fertilizers on waterways and natural habitats
- reduce off-site impacts on waterways of nitrates and ammonia from livestock
- conserve and increase wildlife habitat diversity

Two (2) two-day conferences and field tours are proposed. The degree of agricultural and grazing impacts on Stanislaus watersheds would indicate the need for a comprehensive, systems-wide approach that will be best served by presentations to two distinct geographic areas: a) The West Stanislaus conference will focus on management practices that mitigate the effects of livestock and dairy production on water quality, including discussions of land use, ground and surface water quality protection, waste discharge management, biological control of parasites and pests, management intensive grazing, use of manures on forage crops, erosion control, and easements and buffer zones. b) The East Stanislaus conference will present best management practices for both row crops and orchards that mitigate soil erosion and pollution from agricultural production, including tillage practices, cover cropping, water management, integrated pest management, easements, and buffer zones.

The scope and complexity of these environmental issues indicates an optimum program of one day of plenary and breakout workshop sessions and one day of field day presentations for each of the two proposed conferences. Plenary sessions will present general soil and water conservation practices and pest and waste management information applicable to each region. Breakout sessions will focus on specific crops, production practices, and environmental issues representative of each region. Both conferences will be presented in February. This timeframe provides opportunities to observe cultivation practices, soil-building techniques, and identification of beneficial pests.

Approach

CSA's conference and field tour methodology employs comprehensive farmer/scientist focus sessions that combine systematic workshops and panel discussions with farm tours and in-field presentations:

1) Expert presentations and facilitated discussions allow participants to explore state-of-the-art material and research on agricultural conservation technologies. The in-house program includes plenary sessions presenting general, broad-range information as well as breakout workshops that address particular crops and specific production practices representative of each region.

2) Farm field sessions allow an exchange of applied knowledge and practical experience between growers and conference participants. In-field farmer presentations and facilitated question and answer periods provide a direct forum for peer counseling and strategizing, and encourage the exchange of information between diverse groups. Additionally, these on-farm sessions increase the likelihood of farmers attending the events.

Conference attendees also receive course packets that include current popular and research articles relating to each session and presenter, handouts from educational cooperators, appropriate resource directories, and a participants' directory for further information exchange. Qualifying individuals will receive Department of Pesticide Regulation continuing education units and Certified Crop Advisor credits.

b. Scope of Work (see Cost Breakdown Table for corresponding budget)

This section describes activities to be completed for two two-day conferences and field tours. Each conference may be considered and funded as an independent project. The model for each conference assumes a four month planning and production cycle and delineates activity tasks, a timeline, and deliverables where applicable. Conferences and Field Tours for both East and West Stanislaus events are proposed for February, 1999.

Month I

Task 1 - In cooperation with CALFED, CSA Program Advisory Committee, cooperative agencies and community members: draft and approve initial conference programs; identify potential plenary sessions, workshops, farm tours, speakers, venues, and schedules.

Task 2 - Meet with institutional representatives and adjunct staff as necessary to arrange logistical support.

Task 3 - Identify potential businesses for sponsorship participation. Send sponsor packet including cover letter, outline of sponsorship program with participation levels, and draft of venue. Deliverables: Sponsorship Packet

Month II

Task 4 - Contact potential speakers, farmers, facilitators and agricultural professionals for speaking engagements. Deliverables: Program draft, including speakers, titles of talks, venue and times.

Task 5 - Provide sponsorship follow up and support.

Task 6 - Compile and prepare a relevant mailing list based on geographic and technical parameters, including but not limited to vocation, type of grower, and location.

Task 7 - Design, produce and print conference flyer/brochure to be mailed to above lists and distributed to points of contact for advance outreach. Deliverables: Flyer/brochure.

Month II

Task 8 - Mail flyers to distribution lists and points of contact.

Task 9 - Secure Continuing Education Units as applicable.

Task 10 - Distribute press releases, public service announcements, community calendars, bulletin boards and other forms of public information. Deliverables: Copies of all public outreach materials.

Task 11 - Work with local media and environmental organizations for public outreach via newsprint bulletins, electronic coverage, and on-line services (ongoing).

Task 12 - Provide speaker, presenter, farmer, and facilitator support for scheduling, biographical information, receipt of articles, and A/V and other production requirements.

Month III

Task 13 - Work with institution/venue hosts, caterers, logistical support, and business sponsors for conference and farm tour production.

Task 14 - Process advanced registrations and send confirmation letters (ongoing).

Task 15 - Perform scholarship outreach to disadvantaged constituencies

Month IV

Task 16 - Perform walk-through with venue and tour site hosts.

Task 17 - Produce participant packets. Deliverables: Participants Packets

Convene Event - Deliverables: Conference Passes

Task 18 - Perform post-conference evaluations and wrap-up. Deliverables: Conference Report including attendance records, conference evaluations and summary analysis.

c. Location and/or Geographical Boundaries

Both conferences and farm tours will be held in Stanislaus County, one in West Stanislaus and one in East Stanislaus conservation districts. The geographic area to be addressed is the San Joaquin Basin including all agriculture and grazing lands adjacent to or that impact the San Joaquin River, and Stanislaus, Merced, and Tuolumne tributaries.

d. Expected Benefits

Primary Benefits: Wildlife and Habitat Conservation

The primary stressors that will be addressed through this project are agricultural and livestock production practices that contribute to the decline of priority species and habitats in the San Joaquin Basin, including the San Joaquin River and Stanislaus, Merced, and Tuolumne tributaries. Species identified as primarily impacted by these stressors are fall-run chinook salmon, spawning splittail, and migratory birds. Conservation concerns that will be addressed in these conferences are erosion-caused channel aggradation, decreased water quality through increased contaminants, salinity, and nutrients, loss of riparian systems and degradation of aquatic habitats and wildlife.

Reducing Soil Erosion

Sound farm management and crop layout presentations will describe techniques that alleviate soil loss and minimize soil accumulation and sediment downstream. Workshops in best management practices will show how fields can be designed to accommodate efficient harvests and incorporate techniques that will slow and/or capture water and eroding sediments.

The use of water bars, conveyance systems that lead to sediment basins, and the instillation of small on-farm water containment systems that can manage excess water during storm events will be discussed. For crops requiring quick draining furrows, presentations will demonstrate optimum furrow placement for drainage requirements and soil conservation.

Field trials will be presented on the use of appropriate cover crops that can stabilize the soil and increase water infiltration. Workshops will demonstrate the use of diverse plantings of border strips along the roads, grass plantings on road edges and furrow ends, and hedgerows between fields to improve water infiltration, stabilize erodible soils, filter out sediments, and to provide food for beneficial insects.

Increasing Water Quality and Water Supplies

Presentations describing a systems approach utilizing biointensive Integrated Pest Management (IPM) practices that reduce the use of pesticides, improve water quality and protect wildlife will be given in workshops and field tours.

Efficient use of water and fertilizers that reduce nutrient transfer into surface and ground water resource areas will be described. Techniques for lessening the impact of ground water overdraft, such as the use of drip irrigation, efficient water scheduling and tail water return systems will be outlined. During the field tours, growers will be shown how to use soil sampling analysis for nitrates to reduce excessive use of nitrogen. The use of composts, cover crops, and manures to yield long term release of nutrients, increase organic matter, improve water and nutrient holding capacity and increase soil aeration and tith will be presented.

Minimizing ground and surface water contamination through manure management and handling will be discussed, including information about current manure management practices that impact water quality, irrigation systems that can reduce nitrate leaching, sampling and evaluating manure sources, and estimating flow and nutrient concentrations of pondwater. The use of manure and pond water on forage crops will also be presented.

Crop production strategies to reduce the need for pesticides and herbicides will include the use of cover crops for nitrogen needs and soil stabilization, rotating crops to alleviate pest build ups, planting cultivars that resist plant diseases, and monitoring for pest and beneficial insects. The two-fold benefits of planting winter cover crops to capture and assimilate unused nitrogen from the previous crop before leaching into the ground water, and to provide a protective vegetative layer from heavy eroding rains will be demonstrated.

Conserving and Enhancing Wetland and Riparian Habitat

Workshops will be conducted to outline the two-fold benefit of planting native wetland and riparian species along the San Joaquin River and its tributaries to support predatory and parasitic insects and wildlife species for pest management, and to filter agricultural chemicals and sediments before reaching sensitive habitats. The enhancement of riverine corridors flowing into the San Joaquin River, and the establishment of riparian corridor easements will be discussed by resource professionals.

Secondary benefits: Public Education and Community Outreach

An important benefit of this project is the improvement of communication and active participation among diverse local communities to implement environmental change. These conferences and field tours are a forum for people to come together to identify common needs and to work toward collaborative solutions to complex local problems. They are designed to be accessible to diverse groups, to provide educational instruction at all levels of expertise, and to encourage systemic thought and broad-based action to implement agricultural methods that will protect and conserve natural resources.

Participants of these events include growers, farm workers, researchers, educators, students, pest control and crop advisors, industry-related businesses, and interested

members of the public. An attendance of more than 100 people is anticipated for each of the two conferences. Historically, 50% of conference attendees are farmers, and an additional 30% are agricultural advisors. The remaining audience is comprised of industry-related businesses, students, researchers, and interested community members who wish to learn more about environmental and agriculture issues. By providing both general conservation information and specific technical information, these conferences and farm tours are accessible to a wide range of audiences who learn to promote and use integrated agricultural systems to produce food using environmentally sound methods.

Potential Benefits: Augmentation of other Education and Restoration Programs

These conferences and field tours augment and enhance other ongoing educational and restoration programs by providing the latest research and techniques in sustainable agriculture. Programs that cohere to CSA's educational events include the US EPA Solid Waste Management Program, CA Integrated Waste Management Program, USDA Equip Program, and CAFF Lighthouse and BIOS Programs.

e. Background and Ecological/Biological/Technical Justification

Each year, more than 5.8 million pounds of pesticides and herbicides are applied to agricultural ground in Stanislaus County (CDFA EPA Department of Pesticide Regulation, Pesticide Use Report, 1995). Thirteen pesticides have been detected in the San Joaquin River at levels reported to be toxic to invertebrates, with concentrations of diazinon, parathion, carbaryl, and carbofuran in excess of US EPA and CA Department of Fish and Game Hazard Assessment recommended criteria (Central Valley Regional Water Quality Control Board Bioassay Reports, 1990 & 1995). Annually, Stanislaus, San Joaquin and Merced counties are impacted by 25% of California's estimated 55 billion pounds of livestock manure, with an estimated 20% of waterway pollution caused by livestock waste run off (Modesto Bee, Vol. 121, No. 152). Combined with fertilizer use on farmlands, these wastes are resulting in significantly increased levels of nitrates and ammonia in the San Joaquin watershed region.

Additionally, transported soil from agriculture induced erosion is impacting riparian and aquatic ecosystems through the aggradation of river channels and increases in sediment-borne selenium. These chemical and sediment stressors are negatively impacting many sensitive species in this region including fall-run chinook salmon, spawning splittail, and migratory birds. Agricultural best management practices that identify and develop alternative methods of pest control can reduce the use of chemical additives and slow soil erosion, thereby reducing nonpoint source contamination of waterways. Sustainable agricultural practices also incorporate solid waste management into fertilization practices that can mitigate the environmental hazards and reduce the costs of solid waste disposal.

These proposed conferences and farm tours will present agricultural and grazing practices that can conserve energy and water, mitigate the depletion and erosion of soil, lessen ground, water, and air pollution, and protect wildlife and natural habitats. This proposal meets ERPP objectives to "reduce the decline in ecosystem health by reducing or eliminating factors which degrade habitat, impair ecological functions, or reduce the population size or health of species" and addresses "factors that cause direct mortality of plants and animals in the system, or cause indirect mortality by degrading habitat conditions or biological functions." (CALFED Bay-Delta Program Overview, Relation to Ecosystem Restoration Program, May, 1998) Additionally, this program addresses CVPIA objectives to enhance ecosystem function/processes for the Anadromous Fish Restoration Program.

f. Monitoring and Data Evaluation

Conferences evaluations are performed through the following peer review methods:

- **Demographic evaluation;** all conference attendees are requested to provide CSA with applicable demographic information including area of expertise, time in occupation, acres farmed, experience with sustainable practices, and how they heard of the event. This information is used to evaluate the effectiveness of outreach to target audiences, to determine the informational needs of diverse audiences, and to plan effective outreach and programs for future educational programs (see Conference Summary).
- **Evaluation of conference content;** registrants, speakers, facilitators, growers, business representatives, and volunteers are asked to rate individual speakers and topics, the usefulness of presentations and tours, and if applicable their intention to adopt technologies and methods presented in the program (see Conference Evaluation Form). This information is used to assess conference content, timeliness, and effectiveness, and to plan future events that will meet the educational needs of the geographical area being served.
- **Conference resourcing;** 1) all conference attendees are listed in a participants directory which is available to interested individuals, organizations, and businesses for networking and resource accessibility, 2) conference demographic information, survey summaries, materials and resource information generated through these conferences are made available to interested individuals, organizations, and businesses upon request, 3) conference survey respondents' contact information is assembled to allow follow-up on comments and suggestions. These conference resources provide valuable networking tools for other educational programs in conservation.
- **Outreach through media coverage and printed copy;** all announcements, newspaper articles, and conference advertising are included in the final report to assess outreach effectiveness.

g. Implementability

These agricultural programs are successful due largely to collaborative efforts with other organizations. Collaborations for CSA educational events have included agricultural commissioners, universities, commodity boards, crop advisors, and leading agricultural and environmental such as US EPA, CA IWMB, RCD's, NRCS, CSUS Regional and Continuing Education, UC SAREP, UC Cooperative Extension, CCOF, CAFF, and the California Latino Agricultural Association. These organizations and individuals will be invited to participate in these conferences and field tours through in-kind contributions in the following areas: 1) constituency outreach through mailing lists and announcements in newsletters, 2) expertise in current conservation issues and practices, 3) recommendations of local speakers and tour sites of farms using best management practices, 4) educational materials and supporting technical assistance.

Agendas will be sent to 3,000 potential participants using CSA mailing lists and from other environmental and agricultural organization lists. Announcements will be placed on CSA's and other web pages, and in newsletters for the Farm Bureau and Small Farm, Community Alliance with Family Farmers, California Certified Organic Farmers, and UC Cooperative Extension, and in mainstream newspapers. All conference agendas, advertisements, and announcements will list CALFED Bay-Delta Program and the US Bureau of Reclamation/US Forest Service as primary agency sponsors.

V. Costs and Schedule

a. Budget Costs

The Cost Breakdown Table is outlined per conference and field tour (see following Table). This proposal requests funding for two conferences and tours, one each for East Stanislaus and West Stanislaus County conservation regions. CALFED funding is sought due to the topic and crop specific nature of these educational events. CSA will also draw upon 18 years of prior collaborations to leverage additional technical and financial support. Assistance in the form of expertise, contacts, services, and public outreach may be requested of US EPA, CA IWMB, UC SAREP, CAFF, Modesto Junior College, agricultural commissioners, farm bureaus, agricultural consultants and farmers, and local industry-related businesses.

b. Schedule Milestones

The initial cooperative planning for these conferences and field tours will be held with local working groups mid- September through October. Actual conference production will start November 1, 1998 with Task One (see Project Activities and Timeline). Both conferences and field tours have a four month production cycle and will be convened in February, 1999. Funding disbursement will be requested at the completion of the project

c. Third Party Impacts

No significant third party impacts are anticipated from these conferences and field tours.

VI. Applicant Qualifications

The Committee for Sustainable Agriculture (CSA) is a non-profit 501(c)3 organization that promotes environmentally sound farming practices. Since its founding in 1980 CSA has been a leader in presenting agricultural information and practices that preserve natural resources and protect human health and the environment.

CSA's Sustainable Agriculture and Field Tour Program brings the latest in crop and topic-specific research and practices to farmers throughout California. CSA draws from an extensive network of leading experts to produce its educational events. During the last 18 years, more than 20,000 participants have attended CSA educational programs.

CSA has produced sustainable conferences and field tours in Stanislaus County for two years. The 1997 Sustainable Livestock and Dairy Conference and Field Tour was a pioneer project to address environmental, health and economic issues relating to livestock and dairy production. It was produced in cooperation with Modesto Junior College, and local dairyman, and featured UC Davis, UCCE, UC SAREP, and CCOF presenters. The 1998 Soil Fertility and Integrated Pest Management Conference and Field Tours were produced in cooperation with the US EPA Solid Waste Management Program, UC SAREP, the CA IWMB, and Modesto Junior College. CSA has also produced conferences in the central valley for stone fruit, walnuts, almonds, and vegetable crops -- all of which are among Stanislaus County's leading ten commodities.

CSA is recognized as an educational organization by the Department of Pesticide Regulation, California Fertilizer Association, and the International Society of Arboriculture.

VII. Compliance with Standard Terms and Conditions

The Committee for Sustainable Agriculture is prepared to comply with all standard terms and conditions of this grant.

COST BREAKDOWN TABLE / PER CONFERENCE

Project Phase and Task	Direct Labor Hours	Direct Wages and Benefits	Overhead Labor; Fee & Admin.	Service Contracts & Labor	Material Aquisition Contracts	Misc. & Directs Costs	TOTAL COSTS
Task 1 Draft Program	20	400				100	500
Task 2 Arrange Logistics	15	300				500	800
Task 3 Contact Sponsors	5	100					100
Task 4 Secure Presenters	30	600		1000			1600
Task 5 Sponsor Follow up	5	100					100
Task 6 Mailing Lists	10	200				100	300
Task 7 Produce Brochure	15	300		500		1500	2300
Task 8 Mail Brochures	2	40				750	790
Task 9 Secure Ed Units	3	60					60
Task 10 General Outreach	10	200				200	400
Task 11 Media Outreach (ongoing)	10	200					200
Task 12 Presenter Support	10	200					200
Task 13 Event Production	40	800		2500		200	3500
Task 14 Process Registrats (ongoing)	20	400					400
Task 15 Scholarsh Outreach	10	200					200
Task 16 On-Site Logistics	20	400				100	500
Task 17 Produce Participant Packet	20	400				300	700
Convene Event	110	2200				550	2750
Task 18 Conference Evaluation	20	400					400



Please take a few minutes to complete this form. We appreciate your input and the opportunity to consider your feedback. Please return this to CSA staff or to the conference facilitator before you leave today, or return it to the address indicated below.

1. How did you find out about this event? Flyer in the Mail Posted Flyer Friend/Colleague
 Media (specify) _____ Other (specify) _____

2. What was your main reason for attending today? CEU Credits Learn New Information

3. Have you attended any CSA events before? Yes. No. If yes, which one(s)? _____

Check the box which best represents your response:

VERY LITTLE VERY MUCH
1 2 3 4 5

4. Did you learn new information today?

5. Do you expect to change any of your practices based on what you learned today?

6. Rate today's presentations as to their (a) overall usefulness; and (b) how likely you are to adopt any of the specific practices mentioned.

PRESENTER	TOPIC	LEAST USEFUL					MOST USEFUL					NOT LIKELY TO TRY			VERY LIKELY TO TRY		
		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	
Deanne Meyer	Manure Management Tools	<input type="checkbox"/>															
Denise Mullinax	Econ. Assessment of Nutrients	<input type="checkbox"/>															
Franz Rulofson	Cryptosporidium & H ₂ O Quality	<input type="checkbox"/>															
Roy Sharp	Livestock: Renewable Energy	<input type="checkbox"/>															
Kenneth Landau	Water Quality Concerns	<input type="checkbox"/>															
Brian Baker	Organic Standards Livestock/Dairy	<input type="checkbox"/>															
George Work	Grazing as if Wildlife Mattered	<input type="checkbox"/>															
Bill Liebhardt	Bovine Growth Hormones	<input type="checkbox"/>															

7. Are you a: Rancher Dairyman Farm Worker
 Crop Advisor Processor Wholesaler/Distributor Farm Equipment/Service
 Researcher Educator Other _____

8. How long have you been in this field? _____ 9. How much land is under your care? _____

10. What is your experience level with sustainable techniques?
 Beginner Intermediate Advanced

11. Please use the back of this page to give us suggestions for future conferences, including:

- ◆ Suggestions for specific topics and/or speakers....
- ◆ How could CSA improve its programs in the future?
- ◆ Any additional comments....

THANK YOU FOR HELPING US GROW!

CSA 406 Main Street, Ste. 313, Watsonville, CA 95076 FAX: 408-763-2112

**MODESTO SOIL FERTILITY
& PEST MANAGEMENT CONTROL CONFERENCE
March 6th & 7th, 1998
EVALUATION SUMMARY**

FILE COPY

Q1 to Q6	Not at All				Excellent	Average	n
	(1)	(2)	(3)	(4)			
Were your expectations for this event met?	0.0%	2.6%	15.8%	36.8%	44.7%	4.24	38
Given the time limit, were you satisfied with the material covered?	2.6	0.0	15.8	28.9	52.6	4.29	38
Did the event increase or enhance your knowledge of the subject?	2.6	5.3	13.2	28.9	50.0	4.18	38
Do you expect to use what you have gained in this event in your work?	2.6	5.3	23.7	31.6	36.8	3.95	38
Was the interaction with other participants valuable to you?	0.0	2.6	23.7	31.6	42.1	4.13	38
Were the handout materials useful to you?	0.0	2.7	18.9	40.5	37.8	4.14	37

(n=number that answered question)

Q7a. Farmers, ranchers: Do you plan on changing your farming/ranching practices as a result of what you learned? (check one)

No	29.4%	
Yes, within next 6 months	52.9%	(17)
Yes, within next 12 months	11.8%	
Maybe	5.9%	

If yes, please specify the changes you plan to make:

10 people made comments. See "Verbatim Comments" that follow. (10)

Q7b. Advisors, consultants: Do you plan to recommend what you learned at this workshop to your clientele? (check one)

No	22.2%	
Yes, within next 6 months	55.6%	(9)
Yes, within next 12 months	22.2%	

If yes, please specify the recommendations you plan to make:

7 people made comments. See "Verbatim Comments" that follow. (7)

Q8. What is your overall rating of this workshop?

Excellent	Good	Fair	Poor	
[4]	[3]	[2]	[1]	
50.0%	44.4%	2.8%	2.8	Average = 3.42 (36)

COMMENTS

- **Positive remarks:**
27 people made comments. See "Verbatim Comments" that follow. (27)
- **Workshop could have been improved by:**
20 people made comments. See "Verbatim Comments" that follow. (20)

May we contact you at a later to follow up with a few questions about how you have used what you learned at this event?

No	23.8%	
Yes	76.2%	(22)

16 people gave follow up contact information. See "Verbatim Comments" that follow.

*Committee for Sustainable Agriculture
Soil Fertility & Pest Management Conference
Modesto, Ca. March 6-7, 1998*

Figure 1
Standard Form 424

OMB Approval No. 0348-0043

**APPLICATION FOR
FEDERAL ASSISTANCE**

1. TYPE OF SUBMISSION: Application Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction <input type="checkbox"/> Non-Construction		2. DATE SUBMITTED July 1, 1998	Applicant Identifier N/A
3. DATE RECEIVED BY STATE N/A		State Application Identifier N/A	
4. DATE RECEIVED BY FEDERAL AGENCY		Federal Identifier	
5. APPLICANT INFORMATION			
Legal Name: Committee for Sustainable Agriculture		Organizational Unit:	
Address (give city, county, state, and zip code): 406 Main Street, Suite 313 Watsonville, CA 95076		Name and telephone number of person to be contacted on matters involving this application (give area code): Lynn Young (408) 763-2111	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 6 8 - 0 0 0 3 5 4 7		7. TYPE OF APPLICANT: (enter appropriate letter in box) <input type="checkbox"/>	
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other (specify):		A. State H. Independent School Dist. B. County I. State Controlled Institution of Higher Learning C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify) <u>Non Profit</u> <u>501 (c) 3</u>	
9. NAME OF FEDERAL AGENCY: CALFED US Bureau of Reclamation/US Forest Service		10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE: N/A	
11. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Stanislaus County, CA		12. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Environmental Education Conferences and Field Tours to address the impact of agriculture and livestock production on the San Joaquin River Watershed Region	
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICTS OF:	
Start Date 11/1/98	Ending Date 3/30/98	a. Applicant 17th District	b. Project 18th District
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 28,000.00	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE <u>July 1, 1998</u>	
b. Applicant	\$.00	b. NO. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
c. State	\$.00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
d. Local	\$.00	<input type="checkbox"/> Yes If "Yes," attach an explanation <input checked="" type="checkbox"/> No	
e. Other	\$.00		
f. Program Income	\$.00		
g. TOTAL	\$ 28,000.00		
18. 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.			
a. Type Name of Authorized Representative Lynn Young		b. Title Executive Director	c. Telephone Number (408) 763-2111
d. Signature of Authorized Representative		e. Date Signed 6-29-98	

Previous Edition Usable
Authorized for Local Reproduction

Standard Form 424 (REV. 4-82)
Prescribed by OMB Circular A-102

Figure 2
Standard Form 424A

OMB Approval No. 0348-0044

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		\$	\$	\$	\$	\$
2.						
3.						
4.						
5. Totals		\$	\$	\$	\$	\$
SECTION B - BUDGET CATEGORIES						
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)	
	(1)	(2)	(3)	(4)		
a. Personnel	12,600					
b. Fringe Benefits	2,400					
c. Travel	1,500					
d. Equipment	1,800					
e. Supplies	1,000					
f. Contractual	3,000					
g. Construction						
h. Other	9,300					
i. Total Direct Charges (sum of 6a-6h)	31,600					
j. Indirect Charges						
k. TOTALS (sum of 6i and 6j)	\$	\$	\$	\$	\$	
7. Program Income	\$	\$	\$	\$	\$	

Previous Edition Usable

Authorized for Local Reproduction

Standard Form 424A (Rev. 4-92)
Prescribed by OMB Circular A-102

1-012411

1-012411

Figure 2
Standard Form 424A (cont'd.)

SECTION C: NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.	\$ 3,600	\$	\$	\$	
9.					
10.					
11.					
12. TOTAL (sum of lines 8 - 11)	\$ 3,600	\$	\$	\$	
SECTION D: FORECASTED CASH (NEEDS)					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 28,000	\$ 28,000	\$	\$	\$
14. NonFederal					
15. TOTAL (sum of lines 13 and 14)	\$ 28,000	\$ 28,000	\$	\$	\$
SECTION E: BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (Years)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.	\$	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$	\$	\$	\$	
SECTION F: OTHER BUDGET INFORMATION					
21. Direct Charges:		22. Indirect Charges:			
23. Remarks:					

Authorized for Local Reproduction

Standard Form 424A (Rev. 4-92) Page 2

1-012412

1-012412

Figure 3
Standard Form 424B

OMB Approval No. 0348-0040

ASSURANCES — NON-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 (0348-0040), 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.

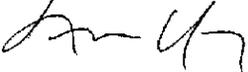
NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

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 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 award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. 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.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U. S. C. §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).
6. Will comply with all Federal statutes relating to nondiscrimination. 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. §§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. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U. S. C. §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) §§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. §3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. 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 provide for, fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§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.

Figure 3
Standard Form 424B (cont'd.)

- 9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a - 7), the Copeland Act (40 U.S.C. §§276c and 18 U. S. C. §§874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally assisted construction subagreements.
- 10. Will comply, if applicable, 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.
- 11. 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. §§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. §§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).
- 12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
- 13. 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. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
- 14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
- 15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
- 16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
- 17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984 or OMB Circular No. A-133, Audits of Institutions of Higher Learning and other Non-profit Institutions.
- 18. 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 Executive Director
APPLICANT ORGANIZATION Committee for Sustainable Agriculture	DATE SUBMITTED July 1, 1998

Standard Form 424B (Rev. 4/92) BACK

U.S. Department of the Interior

**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 or use this form for certification and sign. (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 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.
- (2) 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.

DI-2010
June 1988
(This form replaces DI-1987, DI-1984,
DI-1986, DI-1988 and DI-1992)

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 numbers(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)

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.

DI-2010
June 1995
(This form replaces DI-1963, DI-1964,
DI-1965, DI-1966 and DI-1993)

**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.

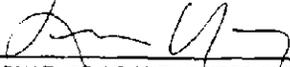
CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

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.

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



SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Lynn Young, Executive Director

TYPED NAME AND TITLE

DATE July 1, 1998

DI-2010
June 1998
(This form replaces DI-1953, DI-1954,
DI-1955, DI-1956 and DI-1957)