G 1051

United States Department of Agriculture | Forest Service | Mendocino N.F. Supervisor's Office | 825 N. Humboldt Ave. Willows, CA 95988 (530) 934-3316 (TTY) 530- 934-7724

File Code: 1580

Date: July 2, 1998

CALFED Bay-Delta Program
1416 Ninth Street
Suite 1155
Sacramento, CA 95814

RE: PROPOSAL IN RESPONSE TO CALFED PSP MAY 1998

Dear Sirs/Mesdames:

Enclosed is the CALFED funding proposal for the Upper Stony Creek Watershed Analysis and Stewardship Plan. This project will coordinate collaborative watershed management and restoration within the upper Stony Creek watershed. By improving management of water quality and watershed health, and by reducing downstream flood risk, the project will ultimately benefit several CALFED priority habitats and species. These include winter and fall run chinook juvenile habitat in lower Stony Creek, and neotropical migratory bird habitat within the upper Stony Creek watershed. This watershed stewardship project will be accomplished between January 1999 and May 2000.

The Mendocino National Forest will take the lead on this project which will be coordinated with Colusa County, the Colusa County Resource Conservation District, Glenn County, the Glenn County Resource Conservation District, and the USDA Natural Resource Conservation Service. The formal project proposal is attached. Should you desire further information regarding the project, please contact: **Art Quintana, Ecosystems Management Officer, Mendocino National Forest, 825 N. Humboldt Ave., Willows, CA 95988, Tel. (530) 934-3316, FAX (530) 934-7384.**

Sincerely,

DANIEL K. CHISHOLM
Forest Supervisor

Enclosure

I. COVER SHEET

MAY 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Proposal Title:
Upper Stony Creek Watershed Analysis and Stewardship Plan
Applicant Name:
U.S.D.A. Mendocino National Forest

Mailing Address:
825 N. Humboldt Ave.
Willows, CA 95988
Telephone:
(530) 934-3316
Fax:
(530) 934-7384

Amount of funding requested:
$208,535 for two years

Topic for which applying:
Watershed Planning/Implementation
Geographic Area of Proposal:
Sacramento Tributary: Stony Creek
Primary species addressed by proposal:
Winter run chinook salmon
Fall run chinook salmon

Type of applicant:
Federal agency
Type of project:
Planning

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 applicaant, to the extent as provided in the Section.

DANIEL K. CHISHOLM
Forest Supervisor
Mendocino National Forest

II. EXECUTIVE SUMMARY

a. Project Title and Applicant Name

Upper Stony Creek Watershed Analysis and Stewardship Plan
USDA Forest Service, Mendocino National Forest

b. Project Description and Primary Biological/Ecological Objectives

The Mendocino National Forest (the Forest) proposes the completion of a collaborative watershed analysis and stewardship plan (Plan) for the Upper Stony Creek watershed by May 2000. The project will facilitate coordinated watershed management and restoration projects among numerous agencies, groups, and individuals. The project will use a consensus-building approach to coordinate improved watershed health and water quality. Improving these factors is critical to maintaining and restoring documented habitat for several CALFED priority species:

- Instream aquatic habitat for juvenile winter run and fall run chinook salmon in lower Stony Creek
- Habitat for migratory birds within the Upper Stony Creek watershed.

The project will complete watershed planning for all headwater areas of Stony Creek. Its results will be essential to coordinate management of the entire 772-square mile Stony Creek watershed (Fig. 1).

c. Approach/Tasks/Schedule

The project will be completed in four main phases, using a facilitated, consensus-building approach. These phases will be:

- Phase I: Issue validation by all stakeholders and collection/integration of detailed data
- Phase II: Technical analysis of watershed conditions
- Phase III: Technical recommendations for restoration and monitoring of water quality and watershed health
- Phase IV: Issue resolution and stakeholder consensus.

An important pre-project phase was completed in 1997. Phases funded by CALFED will be accomplished between January 1999 and May 2000. Fieldwork will be completed in summer 1999.

d. Justification for Project and Funding by CALFED

The project will contribute to the achievement of CALFED Ecosystem Restoration Plan Program (ERPP) targets related to winter run chinook salmon, fall run chinook salmon, migratory bird habitat, riparian and aquatic habitat, upper watersheds, and land use. The project will also contribute to the achievement of:

- the Central Valley Improvement Act, by supporting the doubling of anadromous fish stocks in the Sacramento system by 2002;
- the Salmon, Steelhead Trout, and Anadromous Fisheries Program Act, by contributing to doubling the numbers of salmon present in the Central Valley in 1988;

- the Endangered Species Recovery Plan for winter run chinook, by contributing to the restoration of stocks to levels allowing their removal from the list of endangered species.

The project complies with all applicable laws and regulations. The various stakeholders within the watershed have an excellent history of past collaboration on resource management projects. Preliminary issues were generated in 1997 with extensive input from watershed stakeholders. Relevant preliminary data was collected. Information on watershed condition over a large portion of the watershed was manuscripted to ARC/INFO. Due to lack of funding, however, the project was deferred indefinitely. There is no schedule for completion outside this proposal.

e. Budget Costs and Third-Party Impacts

CALFED funding of $208,535 is requested. Preliminary tasks accomplished in 1997 were valued at $28,077. No third party impacts are expected.

f. Applicant Qualifications

The project's Forest technical team has extensive experience in watershed analysis, community planning, and resource management. The Forest has an excellent history of productive collaboration with local stakeholders within the watershed. The project will utilize existing ARC/INFO hardware and software, and GIS analysts trained in ARC/INFO, as well as vehicles and other equipment provided by the Forest.

g. Monitoring and Data Evaluation

Local stakeholders will monitor completion of each phase of the project. The project will also generate watershed monitoring recommendations for ecological and biological monitoring, to be implemented in part by stakeholders.

h. Local Support/Coordination with other Programs/Compatibility with CALFED objectives

The proposed Plan will be consistent with the Glenn County General Plan, the Little Stony Creek Coordinated Resource Management Plan, the Mendocino National Forest Plan, and the CALFED Ecosystem Restoration Plan Program (ERPP). Local stakeholders have a history of productive cooperation. Preliminary data collection was completed in cooperation with California Department of Forestry, the California Department of Water Resources, the Colusa County RCD, U.S. Fish and Wildlife Service, and the Forest. Completion of the project will also include collaboration with Colusa County, Glenn County, Glenn County RCD, and U.S.D.A. Natural Resource Conservation Service. Formal letters of support are attached.

The project supports the reduction of risk to, and restoration of, habitat and species of concern to CALFED. It will contribute to the achievement of numerous CALFED ERPP targets related to winter run chinook salmon, fall run chinook salmon, migratory bird habitat, riparian and aquatic habitat, upper watershed, water quality, and land use.

III. Title Page (1 page)

a. Title of Project

Upper Stony Creek Watershed Analysis and Stewardship Plan

b. Name of applicant/principle investigator(s); address; phone/fax/email; organizational, institutional, or corporate affiliations of applicant/principle investigator(s)

USDA Forest Service, Mendocino National Forest
825 N. Humboldt Avenue
Willows, CA 95988
tel (530) 934-3316
fax (530) 934-7384

c. Type of Organization and Tax Status

Federal government/exempt

d. Tax Identification Number and /or Contractor License, as applicable

Not applicable

e. Participants/Collaborators in Implementation

Colusa County
Colusa County Resource Conservation District
Glenn County
Glenn County Resource Conservation District
U.S.D.A. Forest Service Mendocino National Forest
U.S.D.A. Natural Resource Conservation Service

IV. Project Description

a. Project Description and Approach

The Mendocino National Forest (the Forest) proposes the completion of a collaborative watershed analysis and stewardship plan (Plan) for the Upper Stony Creek watershed by May 2000. The project will facilitate coordinated watershed stewardship among numerous agencies, groups, and individuals. The project will use a consensus-building approach to coordinate improved management of watershed health and water quality. Improving these factors is critical to maintaining, restoring, and reducing risk to documented habitat for several CALFED priority species:

- Instream aquatic habitat for juvenile winter run and fall run chinook salmon in lower Stony Creek
- Habitat for migratory birds within the Upper Stony Creek watershed.

In addition to coordinating collaborative stewardship in the Upper Stony Creek watershed, the project will complete watershed planning for all headwater areas of Stony Creek. The Plan will be an essential component of collaborative watershed management for the entire 772-square mile Stony Creek watershed (Fig. 1).

Community activities which the Plan will coordinate include collaborative issue identification among individuals, groups, and agencies, environmental education, and volunteer ecological/ biological monitoring. The project will also optimize resource management activities including field assessments, habitat and range restoration, streambank stabilization, road improvement, and prescribed burning. The Plan may recommend additional or amended actions to improve watershed conditions.

Development of the Plan will involve Glenn County, Colusa County, the Glenn County Resource Conservation District (RCD), the Colusa County RCD, and the Forest.

The Plan will be completed in four main phases, using a facilitated, consensus-building approach. These phases wll be:

- Phase I: Issue validation by all stakeholders and collection/integration of detailed data
- Phase II: Technical analysis of watershed conditions
- Phase III: Technical recommendations for restoration and monitoring of water quality and watershed health
- Phase IV: Issue resolution and stakeholder consensus.

An important pre-project phase was completed in 1997. This included preliminary data collection and collaborative issue identification. During this period, landowners and the Colusa RCD identified a number of issues of concern, which became proposed issues for analysis: OHV, recreation, and trespass; fire risk; erosion and water quality; and rangeland health. Agency collaborators further identified special status species, and water quality and delivery as issues. During Phase I, enhanced public involvement will direct validation of these and/or additional issues, including species and habitats of concern to the CALFED program. An interagency science team will provide technical support by analysing related watershed conditions and developing technical recommendations. Phases I through III will follow technical guidance in the Federal Guide to Watershed Analysis, Version 2.2 (1995). The Plan and related geographic information system (GIS) files will be made available to all participants.

b. Proposed Scope of Work

Pre-project work completed in 1997 included preliminary data collection and collaborative issue identification. Preliminary issues related to stakeholder concerns and watershed restoration and health were identified by stakeholders during two meetings. Participants included the Forest, the Colusa County RCD, the California Department of Water Resources, the California Department of Forestry, and U.S. Fish and Wildlife Service.

Remaining work phases necessary to accomplish the Plan are:

Phase I: Issue validation by all stakeholders and collection/integration of detailed data
Enhanced public involvement will be facilitated at a series of public meetings. Issues will be reviewed and validated or amended by stakeholders. A complete data set for conditions related to stakeholder issues, watershed health, and water quality will be collected and integrated. Field personnel will fill gaps in data across ownerships for roads, unstable areas, vegetation cover type, and streams. This information will be manuscripted to ARC/INFO, allowing modeling of a sediment budget and watershed dynamics in the next project phase.

Phase II: Technical analysis of watershed conditions related to stakeholder issues, water quality, and watershed health
A team of natural resource planning specialists will collaborate to model watershed conditions. This phase of the Plan will address key issues raised by local stakeholders, management activities currently underway or proposed in the watershed, and core scientific questions listed in the Federal Guide for Watershed Analysis. Analysis steps of Phase II will be completed through stakeholder validation of the technical team's analysis.

Phase III: Technical recommendations for restoration and monitoring
The Plan will provide site-specific recommendations for actions to restore watershed health and water quality, recommendaitons for biological and ecological monitoring, and recommendations for related research.

Phase IV: Issue resolution, stakeholder consensus, information sharing
Facilitated consensus will complete the Plan. The Forest will distribute hard copies of the report to all stakeholders and other interested parties. GIS technical support and ARC/INFO coverages for the entire watershed will be made available at the Forest for the use of participants.

Table 1. Detailed description of project phases

PHASE I: ISSUE VALIDATION AND FIELD DATA INTEGRATION			
Task 1: Issue validation			
Task 1.a: Facilitated meetings (3): raise and validate issues, gather information on present conditions and trends	January-May 1999	$7,948	List of confirmed stakeholder issues reached by consensus
Task 2: Integration of detailed data across ownerships			
Task 2.a: Field data collection using Global Positioning Systems (GPS)	June-August 1999	$66,240	Field-checked data across ownerships for roads, streams, unstable areas, vegetation cover types

PHASE I (cont.)			
Task	**Schedule**	**Budget**	**Deliverable**
Task 2.b: ARC/INFO manuscripting of field-corrected data	September-October 1999	$2,024	Corrected ARC/INFO coverages across ownerships for roads, streams, unstable areas, vegetative cover
PHASE II: TECHNICAL ANALYSIS OF WATERSHED CONDITIONS			
Task 1: Analysis of past and present watershed trends			
Task 1.a: Model present conditions	November 1999	$30,912	Draft Plan chapter on present conditions
Task 1.b: Stakeholder meetings (2)	December-February1999	$3,974	Data and issues related to past and present conditions
Task 1.c: Historical research	June-October 1999	$1,500	Document on relevant history
Task 1.d: Model reference conditions	December 1999-January 2000	$27,048	Draft Plan chapter on reference conditions
Task 1.e: Integrate and finalize findings	January-February 2000	$20,608	Draft Plan chapter integrating findings
PHASE III: TECHNICAL RECOMMENDATIONS			
Task 1: Recommendations			
Task 1.a: Develop recommendations for restoration	February 2000	$18,032	Map/description of site-specific recommendations for watershed restoration and related management
Task 1.b: Recommendations for monitoring	March 2000	$8,050	Map/description of site-specific recommendations for ecological and biological monitoring
Task 1.c: Recommendations for related research	March 2000	$6,440	Subsection listing recommendations for related research
PHASE IV: ISSUE RESOLUTION, STAKEHOLDER CONSENSUS, INFORMATION SHARING			
Task 1: Consensus			
Task 1.a: Facilitated stakeholder meetings (3) to review recommendations and resolve issues	April-May 2000	$7,949	Issue resolution
Task 1.b: Final revisions of Plan to reflect issue resolution	May 2000	$7,360	Final document with stakeholder concurrence
Task 1.c: Mail document and GIS access informationto participants and interested parties	May 2000	$450	Plan delivered to participants and interested parties
TOTAL PROJECT COST:		**$208,535**	

c. Location and/or Geographic Boundaries of the Project

The Upper Stony Creek watershed lies across portions of Glenn, Colusa, and Lake counties, and forms the headwaters of the Stony Creek subbasin of the Sacramento River system. The watershed comprises a significant proportion of the subbasin (Fig. 1). Private landowners, mostly ranchers, and the Mendocino National Forest are the watershed's primary land managers. Stony Gorge dam forms the watershed's downstream boundary.

d. Expected Benefits

The project will coordinate water quality management and restoration of watershed health, and will benefit several CALFED priority species and habitats:

1. Instream aquatic habitat for juvenile winter and fall run chinook salmon in lower Stony Creek Lower Stony Creek provides important rearing habitat to juvenile chinook salmon (Maslin et al. 1997). The potential for higher than normal releases from Black Butte Reservoir due to flooding from headwater areas is a major risk to stream profiles and riparian vegetation, and therefore to water quality and water temperatures, in the creek's lower reaches. Based upon watershed analysis of the adjacent Briscoe, Grindstone, and Thomes Creek watersheds (USFS 1997, 1995, 1997), roads, range conditions, and forestry practices are likely the most important stressors leading to flood risk and degraded water quality from Upper Stony headwaters. The Plan will coordinate management of these stressors. The Plan will contribute to the achievement of:

- the Central Valley Improvement Act, by supporting the doubling of anadromous fish stocks in the Sacramento system by 2002;
- the Salmon, Steelhead Trout, and Anadromous Fisheries Program Act, by doubling the numbers of salmon present in the Central Valley in 1988;
- the Endangered Species Recovery Plan for winter run chinook, by contributing to the restoration of stocks to levels allowing their removal from the list of endangered species.

2. Habitat for migratory birds. The project area provides habitat to at least twenty-four neotropical migratory bird species (Parker 1995). Riparian areas with a high degree of vertical diversity are a key component of migratory bird habitat (Saab et. al. 1995). A 1997 USFS watershed analysis of the adjoining Briscoe Creek watershed found the condition of most low-elevation streams to be "functional-at risk" or "non-functional", with few or no riparian habitat elements. Preliminary inspection of aerial photographs indicates that conditions within the Upper Stony Creek watershed are similar. Coordinated management for watershed health and restoration will improve riparian habitat critical to these species.

In addition, much of the watershed's rangelands consist of blue oak communities. Blue oak woodlands are known to support over 140 bird, 70 mammal, 30 reptile, and 20 amphibian species. Riparian habitat elements are used by 90% of these species. In the Sierra Nevada Ecosystem Report (1996), blue oak communities are identified as one of the state's most threatened terrestrial habitat types. By coordinating erosion and watershed health management upstream with management of low-elevation blue oak communities, the project will benefit highly productive habitat while contributing to the Glenn County RCD pilot project current underway to restore rangelands and range riparian areas in the watershed's lower elevations.

e. Background and Ecological/Biological/Technical Justification

Numerous public and private stakeholders are conducting or proposing watershed restoration and water quality improvement activities within the watershed. These include field assessments, habitat restoration, grazing management strategies, streambank stabilization, road improvement, prescribed burning, and ecological and biological monitoring. Many of these activities will impact water quality and flood risk to downstream areas important to rearing juvenile chinook salmon (Maslin et al. 1995). Yet there is no coordinated plan for these efforts.

The project's technical professionals have extensive experience in coordinated watershed analysis. The various stakeholders within the watershed have an excellent history of past collaboration on resource management projects. The Forest has already accomplished the first project work phase with extensive input from watershed stakeholders. The project will coordinate actions in the watershed under the Glenn County General Plan, Little Stony Creek Coordinated Resource Management Plan, the Mendocino National Forest Plan, and the CALFED ERPP.

Table 2. Related ERPP Targets and Objectives

Proposed Action	ERPP Objective or Target	Additional Discussion
Coordinate restoration of upper watershed processes	Vol. II, p. 201, Upper Watershed Processes, Target 1	Will decrease downstream flood risk and sedimentation to winter and fall run chinook rearing habitat in lower Stony Creek; will improve quantity and quality of water flowing into the Delta.
Coordinate management to reduce erosion and improve water quality, and to restore upper watershed health and function	Vol. II, p. 204, Winter Run Chinook Salmon, Target 1 and Fall-Run Chinook Salmon, Target 1; Vol. II, p. 199, Stream Meander Corridor, Target 2	See above; will contribute to achieving the CVPIA; the Endangered Species Recovery Plan for winter run chinook salmon; and the Salmon, Steelhead, and Anadromous Fisheries Program Act. Will reduce downstream flood risk.
Model fuels and fuels management across ownerships and manage to support fire containment within fourth-order watersheds; improve vegetation management and health on all private and public timberlands within the watershed; and replace/improve poorly designed road segments across ownerships with well-designed and adequately drained roads	Vol I, p. 66, Restore Ecological Processes in Upper Watersheds	Will reduce risk to life and property. Will contribute to local economic well-being, as well as improve watershed health. Will reduce downstream flood risk and sedimentation.
Coordinate improved management of livestock grazing in riparian zones	Vol I, p. 105, Reduce Riparian Habitat Stressors	Will reduce erosion, improve riparian function and water quality, restore riparian habitat. Will reduce downstream flood risk
Facilitate preservation of riparian vegetation along Stony Creek and lower-order creeks within the watershed	Vol II, p. 201, Habitats, Target 1	Will provide cover and other essential habitat to neotropical migratory birds and numerous other species. Will reduce downstream flood risk and sedimentation.
Coordinate the elimination of conflicts between land use practices and watershed health	Vol II, p. 203, Land Use, Target 1	Will reduce downstream flood risk and sedimentation
Coordinate improvement of upper watershed health and riparian habitat, and improve habitat for individual species	Vol. I, p. 216, General Targets for Neotropical Migratory Birds	Will contribute to an increase in the population and distribution of neotropical migratory birds in the Central Valley. Will reduce downstream flood risk and sedimentation.

The Forest completed pre-project data collection and preliminary issue analysis during August-October 1997. Contributors and participants included the Colusa County RCD, DWR, USFWS, CDF, and NRCS. During this period the team completed: development of ARC/INFO coverages for roads, streams, and vegetation types on Forest lands; frequency analysis of road-stream crossings and road densities on Forest lands; and ownership across the watershed. Characterization of the watershed and identification of stakeholder issues were also accomplished. This information is on file at the Supervisor's Office, Mendocino National Forest, Willows, California. Due to lack of funding, further work on the project was deferred indefinitely. There is no schedule for completion of the remaining four project phases outside this proposal.

f. Monitoring and data evaluation

The Forest will coordinate and submit quarterly reports to the contracting entity. These reports will include stakeholder monitoring of the project, as follows. Each stakeholder meeting will include a component to solicit feedback on the project's progress. The project facilitator will summarize this input for inclusion in the following quarterly report. Stakeholders will provide feedback meeting CALFED reporting requirements, including the percentages of each task completed, deliverables produced, problems and delays encountered, and a description of amendments or modifications to the contract. Phase III of the project will also generate watershed monitoring recommendations for ecological and biological monitoring of watershed health and stewardship activities, to be implemented in part by stakeholders.

g. Implementability

The project will comply with all applicable laws and regulations. The proposed Plan will be consistent with the Little Stony Creek Coordinated Resource Management Plan, the Mendocino National Forest Plan, the Glenn County General Plan, and the CALFED ERPP. Local stakeholders have a history of productive cooperation. Project pre-work was completed in cooperation with CDF, DWR, the Colusa County RCD, USFWS, and the Forest. The proposed continuation of the project will also include collaboration with: Colusa County, Glenn County, Glenn County RCD, and U.S.D.A. Natural Resource Conservation Service. Formal letters of support are attached.

V. Costs and Schedule to Implement Proposed Project

a. Budget costs

Table 3. Budget Costs

Project Phase and Task	Direct Labor Hours	Direct Salary and Benefits	Overhead Labor (General Admin. and fee)	Service Contracts	Material and Acquisition Contracts	Miscellaneous and other Direct Costs	Total Costs
PHASE I: VALIDATION AND DATA INTEGRATION							
Task 1.a: Stakeholder meetings (3)	192	$6,912	$1,036				$7,948
Task 2.a: Field data	2,400	$57,600	$8,640				$66,240
Task 2.b: ARC/INFO manuscripting	160	$1,760	$264				$2,024
PHASE II: TECHNICAL ANALYSIS AND MODELING							
Task 1.a: Present conditions analysis	960	$26,880	$4,032				$30,912
Task 1.b: Stakeholder meetings (2)	96	$3,456	$518				$3,974
Task 1.c: Historical research	62			$1,500			$1,500
Task 1.d: Past conditions analysis	840	$23,520	$3,528				$27,048
Task 1.e: Integrate and finalize findings	560	$17,920	$2,688				$20,608

Table 3. Budget costs (cont.)

Project Phase and Task	Direct Labor Hours	Direct Salary and Benefits	Overhead Labor (General Admin. and fee)	Service Contracts	Material and Acquisition Contracts	Miscellaneous and other Direct Costs	Total Costs
PHASE III: RECOMMENDATIONS							
Task 1.a: Restoration recommendations	560	$15,680	$2,352				$18,032
Task 1.b: Monitoring recommendations	250	$7,000	$1,050				$8,050
Task 1.c: Research recommendations	200	$5,600	$840				$6,440
PHASE IV: RESOLUTION AND CONSENSUS							
Task 1.a: Stakeholder meetings (3)	192	$6,912	$1,037				$7,949
Task 1.b: Final revisions	200	$6,400	$960				$7,360
Task 1.c: Reproduction and mailing						$450	$450
TOTAL		**$179,640**	**$26,945**	**$1,500**		**$450**	**$208,535**

REQUESTED FUNDING: $208,535

b. Schedule Milestones

The project will be accomplished between January 1999 and May 2000. Fieldwork will be completed in summer 1999. Field data collection and verification will take place June-August 1999. Technical analysis and modeling will be completed by March 2000. Final consensus on issues and planning is expected in May 2000.

c. Third Party Impacts

No third party impacts are expected.

VI. Applicant qualifications

Team Leader:

Michelle H. Light, Forest Planner, Mendocino National Forest
B.S. Forest Management, U.C. Berkeley.
Ten years of Forest- and project-level planning and analysis. Responsible for:

- Completing and updating the Land and Resource Management Plan, Mendocino National Forest
- Implementing the Forest Plan
- Compliance with the National Environmental Policy Act and National Forest Management Act
- Monitoring on the Forest.

Currently leading a Forest-wide assessment of late-successional reserves on the Mendocino National Forest.

Community Planning and Coordination

Claudia Stuart, Community Planner, Mendocino National Forest
B.A. Bryn Mawr College; Masters of Landscape Architecture U.C. Berkeley
Five years experience as a Landscape Architect and Community Planner for the Forest. Co-author of six watershed analyses under the President's Forest Plan. Two years experience as a consultant on democratization in Eastern Europe. Co-author of Public Participation in Government Decision-Making: A Handbook for the Budapest Municipal Government. Currently leading the California Region's Sierra Province Assessment and Monitoring work group on National Forest management impacts to society and culture.

Melissa Marosy, Mediator, USFS California Region
B.S. in Forest Biology; Ph.D. in Plant Pathology
Nine years experience in group and community facilitation; five years experience in mediation and conflict resolution. Certified mediator under the California Dispute Resolution Programs Act. Member of the Society of Professionals in Dispute Resolution. Team leader for seven Forest watershed analyses under the Northwest Forest Plan.

Resource Planning

Emil Ekman, Fisheries Biologist, Mendocino National Forest
B.S. Fisheries Biology, M.A. in Recreation Management
Twenty-one years experience as a fisheries biologist, eighteen of these with the USFS. Co-author of the Black Butte Watershed Analysis and major contributor to five other watershed analyses under the Northwest Forest Plan.

Robert Faust. Hydrologist, Mendocino National Forest
B.S. Range Management, M.S. Range Management
Twenty-five years experience with the Forest Service. Twenty-two years experience in analysing watershed effects and conducting watershed improvement projects. Responsible for watershed portions of the Forest Plan and E.I.S. Contributor to six watershed analyses under the Northwest Forest Plan.

David Hartman, Vegetation Management Specialist, Mendocino National Forest
B. S. Forest Management, Purdue University; M.S. Forest Management, U. Washington
Certified silviculturist. Licensed Professional Forester, State of California. Twenty-three years experience with the Forest Service. Co- author of four watershed analyses under the Northwest Forest Plan.

Arnie James, Soil Scientist, Mendocino National Forest
B.S. Natural Resources - Soil
Twenty-six years experience as a Soils Scientist with the Forest Service. Provided soils input and coordination of soils with watershed, geology, and minerals in the Forest Plan. Contributor to two watershed analyses under the Northwest Forest Plan.

Carol Molitoris, Wildlife Biologist, Mendocino National Forest
B. S Wildlife Management, Humboldt State University
Twenty-one years of experience in wildlife management and range. Eight years experience as a Forest District Wildlife Staff Officer. Has written biological assessments and evaluations for range, timber, and recreation projects. Trained in riparian and stream analysis.

Bruce Smith, District Engineer, Stonyford Ranger District
Twenty-two years experience with the Forest Service in roads design, construction, and management. Six years prior experience in contracting.

Technical Advisors

John Benoit, Director, Glenn County Planning and Development
Dennis Naye, USDA Natural Resource Conservation Service

GIS Analysis

Karen Fukushima, GIS Analyst, Mendocino National Forest
B.A. Geography
Responsible for designing GIS products to facilitate the watershed analysis process. Three years direct experience in using GIS analysis techniques and ARC/INFO support for natural resource management. GIS analyst for five watershed analyses under the President's Northwest Forest Plan.

Andy Taylor, GIS Coordinator, Mendocino National Forest
B.S. Forest Management, M.S. Forest Management
Eighteen years experience as a National Forest analyst. Two years as Forest GIS Coordinator.

Equipment
The Forest mantains an ARC/INFO GIS system with ArcView access. The Forest will provide vehicles, GPS and other field equipment, and other relevant hardware and software support systems.

VII. Compliance with standard terms and conditions

Submittal of documentation not required for watershed stewardship project proposals.

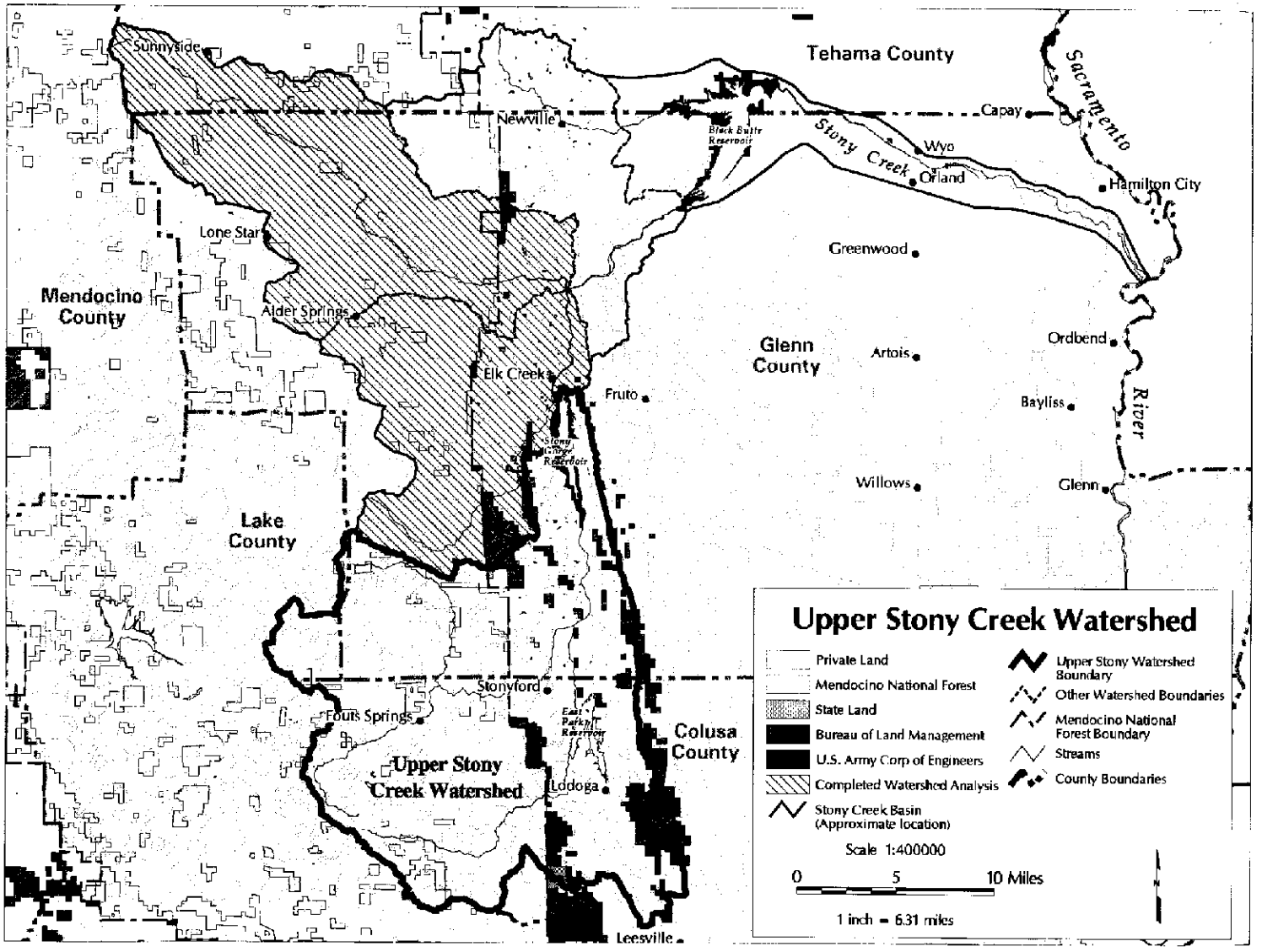

Figure 1

I-012163

I-012163

BOARD CHAMBERS
COUNTY COURTHOUSE
546 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) 458-0509

FAX: (530) 458-0510

June 30, 1998

U.S. Forest Service
825 Humbolt Street
Willows, CA 95988

Attn: Mr. Dan Chisholm, Forest Supervisor

Dear Mr. Chisholm:

The Colusa County Board of Supervisors supports the application for funding to conduct a watershed analysis for Upper Stony Creek. It is our understanding that the study will be conducted by the U.S. Forest Service with a CalFed grant.

An analysis of this area will provide the basis for future decisions relative to biological and economic environment of the area, land use activities and development. Stakeholders in the affected area include Colusa County, Glenn County, Natural Resource Conservation Districts, U.S. Forest Service, and private property owners.

Colusa County looks forward to working with you to develop the watershed analysis for the Upper Stonyford Creek area.

Sincerely,

Nathanael L. McCoy, Chairman
Colusa County Board of Supervisors

I-012164

COLUSA COUNTY
RESOURCE CONSERVATION DISTRICT

100 SUNRISE BLVD., SUITE B, COLUSA, CA. 95932 PH. (530) 458-2931 - FAX (530) 458-2765

July 2, 1998

Dan Chisholm, Forest Supervisor
Mendocino National Forest
825 Humboldt Street
Willows, CA 95988

Dear Mr. Chisholm,

The Colusa County Resource Conservation District (RCD) would like to express our support of the US Forest Service's proposal for the Holistic Watershed Analysis of Upper Stony Creek. We believe this is a vital first step in understanding the current condition of the watershed as well as identifying areas in need of restoration.

We understand this project will be a cooperative effort between; Federal, State, and County Agencies as well as private landowners within the watershed.

The Colusa County RCD has always been a strong supporter of multi-agency cooperative programs addressing resource issues. We look forward to working with you on this project.

Sincerely,

Gary Evans-Director
Colusa County RCD

I-012165

Glenn County Resource Conservation District
132B North Enright Ave - Willows, CA 95988 - Phone (916) 934-4601 - Fax (916) 934-6667

June 15, 1998

U.S. Forest Service
825 North Humboldt Street
Willows, CA 95988

Attn: Dan Chisholm, Forest Supervisor

Dear Mr. Chisholm:

The Glenn County Resource Conservation District supports the application for a holistic watershed analysis for the Upper Stony Creek to be coordinated by the U. S. Forest Service. We believe that this watershed analysis will bring all the land users together to understand the inter-relationship among land use activities and the physical, biological and economic environment of the area. With this knowledge, resource projects sustaining watershed health would be better developed and understood.

We understand that through this process, landowners, the public and representatives from stakeholder agencies such as the Glenn County Resource Conservation District would be invited to work together to better understand the watershed through an analysis of current conditions, key issues and how the watershed has evolved through time.

We understand that this will be an effort bringing areas within Colusa and Glenn Counties together along with other local Resource Conservation Districts, the public, landowners and stakeholder agencies to identify restoration projects that will enhance water quality throughout the Upper Stony Creek watershed which contains one of the major aquifers in the Western Sacramento Valley.

We look forward to participating in this process to accomplish this critical watershed analysis for the Upper Stony Creek and support this project.

Sincerely,

Dick Sexton
Chairman, Glenn County Resource, Conservation District
CONSERVATION - DEVELOPMENT - SELF-GOVERNMENT

I —012166

I-012166

Glenn County Board Of Supervisors

Glenn County Board of Equalization
Air Pollution Control District

Courthouse, 526 West Sycamore Street
Post Office Box 391
Willows, CA 95988-0391
Telephone (916) 934-6400 · Fax (916) 934-6419

CHARLES HARRIS, SR., District 1
GARY FREEMAN, District 2
DICK MUDD, District 3
DENNY BUNGARZ, District 4
KEITH HANSEN, 1st District 5
VINCE MINTO, County Clerk - Recorder

June 19, 1998

U.S. Forest Service
825 Humboldt Street
Willows, CA 95988

Attn: Dan Chisholm, Forest Supervisor

Dear Mr. Chisholm:

The Glenn County Board of Supervisors supports the application for a holistic watershed analysis for the Upper Stony Creek coordinated by the U.S. Forest Service. We believe that this watershed analysis will bring all the land users together to understand the inter-relationship among land use activities and the physical, biological and economic environment of the area. With this knowledge, resource projects sustaining watershed health would be better developed and understood.

We understand that through this process, landowners, the public and representatives from stakeholder agencies would be invited to work together to better understand the watershed through an analysis of current conditions, key issues and how the watershed has evolved through time.

We understand that this will be an effort bringing Colusa and Glenn Counties together along with the local Resource Conservation Districts, the public landowners and stakeholder agencies to identify restoration projects that will enhance water quality throughout the Stony Creek watershed which contains the major aquifer in the Western Sacramento Valley.

We look forward to participate with you in accomplishing this watershed analysis for the Upper Stony Creek and support this project.

Sincerely,

GLENN COUNTY BOARD OF SUPERVISORS

Dick Mudd

Dick Mudd, Chairman

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