

**Bonneville Power Administration
Fish and Wildlife Program FY99 Proposal**

Section 1. General administrative information

**Jefferson Co./Middle Deschutes Watershed
Coordinator/Council Support 1999**

Bonneville project number, if an ongoing project 9007

Business name of agency, institution or organization requesting funding
Jefferson County Soil & Water Conservation District/ Watershed Councils

Business acronym (if appropriate) JCSWCD

Proposal contact person or principal investigator:

Name Marie Horn
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City, ST Zip Madras, Or 97741
Phone (541)475-3144
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Email address

Subcontractors.

Organization	Mailing Address	City, ST Zip	Contact Name

NPPC Program Measure Number(s) which this project addresses.

Section 7 7.6,7.7

NMFS Biological Opinion Number(s) which this project addresses.

Other planning document references.

Wy Kan Ush Me Wa Kush Wit; Trout Creek Assessment; Natural Resources Conservation Service, Trout Creek Watershed Council; Jefferson Co. SWCD Long Range Plan; Oregon Dept. of Fish/Wildlife; Local Landowners/Landmanagers in Trout Creek;

Subbasin.

All Jefferson County Watersheds/Two Active Watershed Councils

Short description.

Support Watershed Coordinator wages/travel/training and Council Support clerical/general operating expenses and the purchase of a computer system/color printer.

Section 2. Key words

Mark	Programmatic Categories	Mark	Activities	Mark	Project Types
X	Anadromous fish		Construction	X	Watershed
+	Resident fish		O & M		Biodiversity/genetics
	Wildlife		Production		Population dynamics
	Oceans/estuaries		Research		Ecosystems
	Climate		Monitoring/eval.		Flow/survival
+	Other	+	Resource mgmt		Fish disease
		X	Planning/admin.		Supplementation
			Enforcement	+	Wildlife habitat enhancement/restoration
			Acquisitions		

Other keywords.

Coordinating projects that will enhance/protect steelhead, (candidate species for listing ESA)

Section 3. Relationships to other Bonneville projects

Project #	Project title/description	Nature of relationship
-9366	NE Or. Screens/Passage	Trout Cr. Watershed Plan
94022	T.C.Habitat Restoration	Trout Creek Watershed Plan
9303000	Buckhollow Enhancement	Basin Plan
9405400	Bull Trout Studies C/NE Or.	Stock Status

Section 4. Objectives, tasks and schedules

Objectives and tasks

Obj 1,2,3	Objective	Task a,b,c	Task
1	Watershed Coordinator	a	supplement/increase hours available
2	Watershed Council Support	b	clerical/general office expenses
3	Computer System/ColorPrinter	c	Support Watershed Coordinator &

			Councils. Record keeping and compiling Data.

Objective schedules and costs

Objective #	Start Date mm/yyyy	End Date mm/yyyy	Cost %
1	5/1999	5/2000	78.00%
2	5/1999	5/2000	11.00%
3	5/1999	5/1999	11.00%
			TOTAL 100.00%

Schedule constraints.

none foreseen

Completion date.

1999/2000

Section 5. Budget

FY99 budget by line item

Item	Note	FY99
Personnel	Watershed Coordinator/Project manager	\$18,620
Fringe benefits	Employer taxes/benefits	\$4,655
Supplies, materials, non-expendable property		
Operations & maintenance		
Capital acquisitions or improvements (e.g. land, buildings, major equip.)	Computer system/color printer	\$3,000
PIT tags	# of tags:	
Travel	Coordinator/training, projects	\$1,500
Indirect costs	Two Councils/ Clerical support, telephone, film/developing, etc.	\$3,000
Subcontracts		

Other		
TOTAL		\$30,775

Outyear costs

Outyear costs	FY2000	FY01	FY02	FY03
Total budget				
O&M as % of total				

Section 6. Abstract

The Middle Deschutes Watershed Coordinator will cover watersheds in Jefferson County. Our watersheds are located in the Deschutes Basin of Central Oregon. At this time we have two active Watershed Councils, Trout Creek & Willow Creek. The Coordinator will develop working relationship with the “Friends of the Metolius”, who are an active group addressing concerns in the Metolius watershed. All results from coordinated projects will be shared and evaluated for use in other projects in the watersheds.

Willow Creek watershed covers approximately 117,000 acres. The primary use is agriculture, approximately 30% is forested. The Willow Creek watershed Council was formed in Early Spring of 1997 and formally recognized by Jefferson County Commissioners in May of 1997. The Council is made up of local landowners and land managers who have concerns in Willow Creek watershed. They meet regularly and are in the process of developing an assessment of needs funded by GWEB. The Council is also in the process of developing Goals, Objectives and priority Lists. The Watershed Coordinator is assisting Willow Creek Council with the development of Action Plans and a Work Plan. There are twelve landowner/landmanagers in Willow Creek willing to participate in coordinated efforts of making Willow Creek a fully functioning watershed.

Trout Creek watershed covers approximately 285,000 acres. It is partially located in three counties, Jefferson (145,460), Wasco (108,383) and Crook (31,357). Willow Creek consist primarily of rangeland and forest. Trout Creek Council meets monthly and is being assisted by the watershed Coordinator to develop Goals, Objectives, Priority Lists, Action Plans and a Work Plan. Trout Creek was funded by GWEB (\$20,000) for an assessment of needs and concerns, it was published in 1996. In Sept. 1997, Bureau of Reclamation funded (\$10,000) for an on-site evaluation of Trout Creek and this document is forth coming. Trout Creek has twenty landowner/landmanagers who are willing to cooperate to see Trout Creek is restored to a viable watershed.

Willow Creek & Trout Creek Watershed Councils are actively seeking funding for on-the-ground projects in both watersheds. Jefferson Co. SWCD will be the fiscal agent for the Coordinator and all related cost for the Councils.

The Coordinator was hired by JCSWCD in Sept. 1997 and has been working part-time and when funding is available will be utilizing more hours to assist Watershed

Councils in developing Action Plans & Work Plans. The Coordinator will work with ODFW and other interested agencies to coordinate projects, so duplication will not occur and all projects will provide a continuity of restoration and enhancement projects.

Section 7. Project description

a. Technical and/or scientific background.

Watershed Coordinators have proven to be successful in other regions of Oregon and the Watershed Coordinator will keep a working relationship with other Councils and Watershed Coordinators to utilize project ideas and methods. This data will be adjusted and used to advantage in Jefferson County.

The Watershed Coordinator will assist in developing Action Plans written in a logical, systematic manner, and see the Action Plans are carried out and not duplicated. Local landowners and landmanagers decided to form individual Watershed Councils as each watershed is unique to the problems and concerns found in each watershed. A Coordinator will be the catalyst to bring Councils, JCSWCD, ODFW, Forest Service, private timber interest, livestock operators and other interested parties together to developing working plans and implementation. Funds will also be used to support clerical assistance for the Watershed Councils through the purchase of a computer system to compile data and record keeping. At the present time we use a system shared and furnished by NRCS.

b. Proposal objectives.

- 1. The proposed objectives are to *hire/support a Coordinator for Jefferson County***
 - a. Coordinate conservation/restoration efforts in Jefferson County.**
 - a. Assist Watershed Councils in developing and implementing Action Plans.**
- 2. The proposed objective is to *support Watershed Councils*:**
 - a. Clerical support/postage/film & development**
- 3. Purchase a computer system/color printer.**
 - a. Purchase a computer system to support Watershed Coordinator and Councils with record keeping and compile data.**

c. Rationale and significance to Regional Programs.

The Trout Creek & Willow Creek Watersheds are part of the drainage of the Deschutes Basin. The basin is located in central Oregon and drains into the Columbia water system. The Deschutes Basin group works with the Trout Creek & Willow Creek Watershed Councils and Jefferson Co. SWCD to coordinate efforts to develop a basin wide approach to watershed health. Jefferson Co. SWCD has been instrumental in the development of the two Watershed Councils in Jefferson County. JCSWCD hired a Watershed Coordinator to work with the Councils and

interested agencies and parties in coordinating efforts to implement watershed health planning. Local landowners and landmanagers are developing or updating current farm plans, assisted by NRCS.

d. Project history

N/A

e. Methods.

With the support of a Watershed Coordinator, watershed projects in Jefferson County will be implemented with an eye towards continuity of projects that will compliment each other until the watersheds are in a healthy and viable condition. The computer system will be used to gather and compile data and record keeping. Goals of this project is to assure that projects among agencies are not duplicated and will enhance each other. The Watershed Councils are reaching more and more local landowners and landmanagers to cooperate in efforts to restore and enhance the watersheds by looking at the whole watershed.

The Jefferson County Soil & Water Conservation District, Trout Creek & Willow Creek watershed Councils will supervise and evaluate the progress of the Coordinator. The Coordinator will pursue funding sources for projects and future support for the Coordinator and Councils. The results expected: more projects being funded and implemented, Watershed Council Action Plans being developed and setting of priorities.

f. Facilities and equipment.

The project will be facilitated and administered by Jefferson Co. Soil and Water Conservation District (SWCD). The JCSWCD will provide office space and staff assistance to the Watershed Coordinator. The computer system will remain with the JCSWCD if and when the Watershed Coordinator/Councils no longer have need of it. At the present time the Coordinator/JCSWCD share a computer owned and furnished by NRCS. The Coordinator and Councils have need of a computer system to compile, publish and share data with other Councils and watersheds.

g. References.

Section 8. Relationships to other projects

The Jefferson County watersheds have projects on-going or being developed.

In 1985 BPA funded a project in Trout Creek through ODFW for riparian restoration and enhancement. ODFW has continued to enhance this project with Access and Habitat (A&H) and Restoration and Enhancement (A&E) program funds.

The Corps of Engineers have placed Trout Creek on their project list for a study of berms placed after the 1964 floods. The berms have eroded and washed out causing sedimentation concerns.

Private landowners and land managers serve on Trout Creek & Willow Creek Watershed Councils. Councils in Jefferson County are developing Action plans with the coordination and cooperation of ODF&W, Oregon Dept. of Forestry (ODF), US Forest Service (USFS), Extension Service, Natural Resources Conservation Service (NRCS), Jefferson Co. SWCD, Oregon Trout and the City of Madras and representatives from North Unit Irrigation District.

Landowners are working with NRCS to develop new or update existing farm plans to address all natural resource concerns on their property and how they affect the watershed. JCSWCD is in the process of hiring a Watershed technician for resource management planning. Once these plans are completed they will be used to develop and implement projects in the watershed that will coordinate efforts among landowners and land managers in the watershed, to approach concerns in a holistic manner.

Ochoco Lumber and other private timber owners/managers are working with the Watershed Councils to address timber management concerns. Watershed Council members also serve on the Cattleman's Assoc. and will advise on livestock management concerns.

The Watershed Coordinator along with Jefferson Co. SWCD will act as the catalyst to bring together concerned landowners/land managers and agencies to work towards building Jefferson County watersheds into proper functioning condition, with economic benefits to landowners/land managers and improved fish (Steelhead, red band trout) and wildlife habitat.

Section 9. Key personnel

Marie Horn, Watershed Coordinator will act as project manager for projects in the watersheds.

Marie Horn also works for the JCSWCD as Office manager.

Her responsibilities are to oversee watershed projects and administer all record, payroll and data information.

Marie works closely with personnel from the Watershed Councils, ODFW, USFS, ODF, Oregon Trout, OSU Extension Service, NRCS, private timber managers, and concerned landowners and landmanagers, County Commissioners and City of Madras personnel.

As Watershed Coordinator and SWCD Office Manager, Marie has access to information, project types and results of watershed restoration efforts on-going in other watersheds such as Buck Hollow, managed by Ron Graves. The goals of

Trout Creek & Willow Creek Watershed Councils and JCSWCD are to improve fish and wildlife habitat and restore the watersheds to a proper functioning condition, thus improving water quality, quantity, by decreasing sedimentation, restoring vegetation and addressing uplands concerns. All these concerns will be addressed by developing Action Plans for each Watershed Council.

Section 10. Information/technology transfer

Information from this project will be shared by promoting the efforts of the Watershed Councils in Jefferson County. Public tours will be developed with the assistance of OSU Extension service. OSU Extension Service has educational projects that include watersheds and how they function, these programs are designed to reach school age and young adult students. JCSWCD works with OSU on these educational projects.

The Watershed Coordinator gathers and shares information among other watersheds. Projects will be published in local news media. Workshops for the public, private landowners and landmanagers will be developed that will teach Proper Functioning Conditions (PFC) for watersheds. All projects in Jefferson County watersheds will work towards this goal.

This project will be monitored by JCSWCD, Trout Creek & Willow Creek watershed Councils.