

**Bonneville Power Administration  
Fish and Wildlife Program FY98 Watershed Proposal Form**

**Section 1. General administrative information**

**Title** Protect Klickitat River Salmonids

**Bonneville project number, if an ongoing project** 8061

**Business name of agency, institution or organization requesting funding**

Washington State Department of Fish and Wildlife

**Business acronym (if appropriate)** WDFW

**Proposal contact person or principal investigator:**

Name	<u>Bob Zak</u>
Mailing Address	<u>27413 SE Robinson Rd</u>
City, ST Zip	<u>Camas, WA 98607-9597</u>
Phone	<u>360-834-3308</u>
Fax	<u>360-690-7238</u>
Email address	<u>bobzak@e-z.net</u>

**Subcontractors.**

Organization	Mailing Address	City, ST Zip	Contact Name

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

\_\_\_\_\_

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

\_\_\_\_\_

**Other planning document references.**

\_\_\_\_\_

**Subbasin.**

Klickitat River

Short description.

**Protect wild salmonid adults and juveniles. Prevent habitat degradation in the Klickitat subbasin. Protect spawning areas from degradation caused by boating activities.**

---

**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
			Planning/admin.		Supplementation
		X	Enforcement		Wildlife habitat enhancement/restoration
			Acquisitions		

Other keywords.

**Ecosystem preservation, spawning area protection through user education**

---

**Section 3. Relationships to other Bonneville projects**

Project #	Project title/description	Nature of relationship

**Section 4. Objectives, tasks and schedules**

Obj 1,2,3	Objective	Task a,b,c	Task
1	Enforce closures to protect Spring Chinook & wild steelhead	a.	Emphasis patrols 4/1 to 7/31, 98 to enforce rules from mouth to Outlet Creek
		b.	Emphasis monitoring of tribal harvest 4/1 to 5/22 below #5 fish ladder
2	Prevent stream degradation	a.	On site checks of all priority 1 and

			2 HPA permits
		b.	Weekly aircraft flights to locate illegal stream work - use GPS
3	Protect juvenile salmonids	a.	Emphasis monitoring 4/1 to 7/31, 98 to enforce minimum size rule
4	Prevent illegal sale of subsistence caught fish	a.	Uniformed and covert enforcement to stop illegal sales from #5 fish ladder
5	Prevent spawning area degradation	a.	Educate private & commercial boat operators on disturbance factors

**Objective schedules and costs**

Objective #	Start Date mm/yyyy	End Date mm/yyyy	Cost %
1	04/1998 04/1998	07/1998 05/1998	60
2	04/1998	12/1998	22
3	04/1998	07/1998	6
4	04/1998	05/1998	3
5	01/1998	12/1998	9

**Schedule constraints.**

**Emergency rules**

---

**Completion date.**

**1999**

---

**Section 5. Budget**

Item	Note	FY98
Personnel	Detachment 6 - 7 FTE / SIU - 2 FTE	77,398
Fringe benefits		18,932
Supplies, materials, non-expendable property	Equipment available from CBLEC grant	
Operations & maintenance	Patrol vehicles during activity	17,460
Capital acquisitions or improvements (e.g. land, buildings, major equip.)		

PIT tags	# of tags: NA	
Travel	This is in addition to normal duties + OT	1,670
Indirect costs		21,938
Subcontracts		
Other		
<b>TOTAL</b>		<b>137,398</b>

***Outyear costs***

<b>Outyear costs</b>	<b>FY99</b>	<b>FY00</b>	<b>FY01</b>	<b>FY02</b>
Total budget				
O&M as % of total				

## **Section 6. Abstract**

**To participate in the recovery plan for wild steelhead, spring chinook and coho. Tribal, fishing, rafting guides, sport fishing and other land use activities directly impact these fish. Much of the river is accessible by boat and walk in only. There are numerous camping and/or boat launch facilities both privately and publicly owned. Limited access to much of the Klickitat River provides opportunity to illegally take these species.**

**This proposal will provide for adequate staffing to protect adult and juvenile salmonids, monitor watershed development work, stop illegal sales of subsistence fish, obtain information on wild steelhead release compliance for sport fishery impact and impact information from tribal subsistence fishery where wild fish are legally taken.**

**This proposal enhances the FWP effort on restoring salmonid populations, controlling watershed degradation and educating users as to the value of these resources. This proposal focuses on seasonal activity as well as year-long efforts to accomplish watershed protection and public education. Activity will be documented and entered into NMFS and agency data base. Monthly activity will be summarized quarterly with an annual report.**

## **Section 7. Project description**

### **a. Technical and/or scientific background.**

**The increased popularity of outdoor recreation that the Klickitat River provides, i.e., kayaking, rafting, sport and commercial fishing, coupled with decreasing sport and tribal fishing opportunities in the Columbia River has contributed to increased pressure of the tributary fisheries. Limited access provides ample opportunity for illegal take. In the past four years there have been numerous illegal nets removed from this lower river and high numbers of close season violations. Tribal dip net, set net violations and the sale of subsistence fish continue to be a problem. At current run levels a single net in this river for one evening could impact wild and hatchery escapement goals.**

**As identified by the FWP the Klickitat was a productive steelhead and spring chinook stream until development resulted in declines of these populations. Restoration of these fish must be accomplished by a holistic approach to protection. Illegal take is significant. This proposal benefits the FWP by identifying objectives that will reduce mortality on adult and juvenile salmonids, curtail if not stop illegal sales of subsistence fish and provide control of stream degradation. The enforcement effort will also provide biological information that can be used to assess fishery impacts on wild salmon and steelhead in the Klickitat River. This project is the enforcement component of a comprehensive fishery manager, habitat protection and enforcement effort to protect the Klickitat River fishery resource.**

**b. Proposal objectives.**

**Objective 1. Enforce closures. Conduct emphasis to protect spring chinook & wild steelhead from mouth to Outlet Creek. This effort would provide a continual uniformed presence on the river during the April thru July period. This has proved to be an effective deterrent reducing illegal take to less that 5% of legal harvest. This is especially true in the dip net area of #5 fish ladder.**

**Objective 2. Prevent stream degradation. All priority 1 and 2 HPA permits will be check on site; weekly aircraft flights will identify watershed problems and provide quick work stoppage at illegal sites. Aircraft and patrol officers will use GPS units to identify exact site locations.**

**Objective 3. Protect juvenile salmonids. Uniformed emphasis from April to July will stop or minimize smolt loss.**

**Objective 4. Prevent illegal sale of subsistence caught fish. Uniformed presence reduces illegal take and sales. Covert surveillance and investigation will stop illegal activity.**

**Objective 5. Prevent spawning area degradation. Officers contacting private and commercial boat operators will educate them on disturbance factors. Most public when given good and timely information will respond positively and assist in protecting the habitat and resource.**

**This activity will be documented and entered into current data bases maintained by NMFS and this agency. Monthly reports will be summarized quarterly and a annual report published.**

**c. Rationale and significance to Regional Programs.**

**FWP stated objectives are to restore declining fish resources and their habitats in the Columbia River basin. This project focuses on the practical protection that provides the “missing link” in the holistic approach to management goals. Law enforcement effort is a “hand in glove” activity that compliments management efforts on the ground. Substantial illegal take (commercially, sport, or subsistence) will result in nullification of other recovery efforts in the basin.. There is substantial stream degradation that will take a long time to restore. Enforcement effort will constrain if not stop most illegal take; our effort will also bring a speedier resolve to habitat restoration. This project will enhance the multiple projects the FWP has initiated with WASHINGTON DEPARTMENT OF FISH & WILDLIFE Fishing Mgt Program and the Yakima Indian Nation. This will be an example of fish, habitat and law enforcement mangers working together to restore habitat and salmonid populations.**

**d. Project history**

Type here (provide answers in paragraph form)

e. **Methods.**

**Objective 1.** Officers will conduct day and night patrols to assure compliance with spring chinook and wild steelhead closures, and enforce rules on wild steelhead release. . This includes contacting public that may be preparing to fish and informing them of the closures and the reasons. All contacts will be documented. Area covered: Lyle upstream to Outlet Creek. The increased uniformed presence will greatly reduce or stop closed area or season activity.

A focused effort to monitor tribal harvest below #5 fish ladder. Uniformed presence and covert surveillance during the open and closed periods will reduce or stop closed season violations and illegal sales of subsistence fish. Covert activity will include purchasing subsistence fish from fishers. Primary period: 4/1/98 to 5/22/98; dates flexible depending on tribal seasons. Information on numbers of wild steelhead in subsistence catch will be collected.

**Objective 2.** On site inspections of all priority 1 and 2 HPA permits will increase compliance with permit provisions for increased stream & habitat protection. Weekly aircraft flights will be conducted to survey the entire watershed. This will enable officers to check more permitted work sites to check for obvious violations of permit provisions and locate work sites that are not permitted. Using GPS units illegal sites will be precisely located on maps for ground patrols to make contact. This will stop illegal stream work and watershed development. It will bring a community awareness of watershed values.

**Objective 3.** Daily patrols, dependant on water conditions, to enforce minimum size rule to protect juvenile salmonids migrations. Uniformed presence is the only way to protect smolts from fishing pressure.

**Objective 4.** This is a tie in with Objective 1 on tribal harvest. This will be an emphasis on monitoring tribal harvest with uniformed presence and using our Special Investigations Unit (SIU) to purchase subsistence fish and conduct surveillance of the activity to document criminal intent of fishers.

**Objective 5.** Educational component. Officer will contact boat operators on the river to educate them on disturbance factors, on spawning areas, from their boating activity. There are many types of boating use on this river, i.e., kayaking, rafting, sport and commercial fishing. Many of the users are unaware of how vulnerable spawnings areas are to seemingly harmless boating activity. Most often when public are made aware of resource issues, they cooperate and help in preserving the fish, wildlife and habitat.

f. **Facilities and equipment.**

All specialized equipment was obtained through the first CBLEC grant. Routine maintenance is the on-going costs of vehicles, aircraft, boats, surveillance vehicle and cameras, night vision equipment and media equipment.

g. **References.**

## **Section 8. Relationships to other projects**

**FWP funded the CBLEC grant for enhanced law enforcement work first on the main stem Columbia River and then expanded to the basin. This proposal continues the holistic strategy of protecting anadromous stocks with a focus on wild fish from gravel to gravel. FWP has funded one project with the Yakama Indian Nation for passage and habitat improvement: #9506800 - Passage/Habitat Preliminary Design Project in 1995. FWP is considering three other habitat projects. This proposal integrates the holistic concept involving all aspects of fish and habitat restoration, which is the law enforcement application to the public use of the resource and habitat. Fish, habitat and law enforcement managers working cohesively to protect and restore. This is a better approach than accepting illegal take of fish as part of mortality statistics.**

## **Section 9. Key personnel**

**Detachment 6 staff: Project Manager is the detachment sergeant. Staff includes six officers. Staff needs to be supplemented by Detachment 5, Enforcement, Habitat and Fish Management staff from WASHINGTON DEPARTMENT OF FISH & WILDLIFE Southwest Office in Vancouver and our Yakima Office.**

## **Section 10. Information/technology transfer**

**Work will be document using CBLEC Individual Officer Activity Reports and agency activity reports. NMFS maintains the CBLEC data base. Monthly, quarterly and annual reports are produced.**