Description

Proposal ID	200751900	**Reviewer**	USFWS CRFPO	**Date**	7/23/07
Brief Title	Feasibility of using a computerized video system to estimate lamprey passage at Bonneville Dam				
Sponsor	Columbia River Inter-Tribe Fish Commission				

Technical Criteria

	Y or N
1. Does the proposal demonstrate that the project uses appropriate scientifically valid strategies or techniques and sound principles (best available science)?	Y
2. Are the objectives clearly defined with measurable outcomes and tasks that contribute toward accomplishment of the objectives?	Y
3. Are the resources proposed (staff, equipment, materials) appropriate to achieve the objectives and time frame milestones?	Y
4. Does the proposal include monitoring and evaluation to determine whether objectives are being achieved (including performance measures/methods) at the project level?	Y
5. Will the proposed project significantly benefit the target species/ indicator populations?	N
6. Does the proposal demonstrate that project benefits are likely to persist over the long term and will not be compromised by other activities in the basin?	N
7. Does the proposal demonstrate that all reasonable precautions have been taken, to not adversely affect habitat/populations of wildlife, native resident and anadromous fish?	Y
8. Are there explicit plans for how the information, technology etc. from this project will be disseminated or used?	Y

Management Criteria

	Y or N
1. Does the proposed project address fish and wildlife related objectives, strategies, needs and actions with an innovative method or application of technology?	Y
2. Does the project address an urgent requirement or threat to population maintenance and/or habitat protection (i.e., threatened, endangered or sensitive species)?	Y
3. Does the project promote/maintain sustainable and /or ecosystem processes or maintain desirable community diversity?	N
4. Is there cost share for the construction/implementation and/or monitoring and evaluation of the project?	Y
5. Will the project complement management actions on private, public and tribal lands and does the project have demonstrable support from affected agencies, tribes and public?	N

6. Will the project provide data critical for in season, annual and/or longer term management decisions?	Y
7. Will this project provide or protect riparian or other habitat that may benefit both fish and wildlife?	N
8. Will the project address a lamprey key uncertainty as identified by the lamprey technical working group?	Y
9. Does the project address a term and condition of the bull trout FCRPS biological opinion?	N

Category (Urgent, High Priority, Recommended Action, Do Not Fund)

Assignment.	Recommended Action

Brief Description/Rationale:

The proposal presents an innovative approach to improve Pacific lamprey counts at Bonneville Dam by evaluating the feasibility of a computerized video system, which is intended to provide data during times when fish counters are not working. Because the proposed project would evaluate a method to generate data, it does not provide direct benefits to improve survival or productivity of fish and wildlife, contribute to ecosystem processes, or protect habitats. Thus, the proposal does not appear to be consistent with all requirements in the FY 2007-09 proposal solicitation. However, data that the project is intended to generate would contribute to better estimates of adult Pacific lamprey abundance, life-history attributes (e.g., run timing), and ability to pass a large dam. Such data would assist in addressing critical uncertainties related to Pacific lamprey status, passage, and biology identified by the Columbia River Lamprey Technical Workgroup (Critical Uncertainties for Lamprey in the Columbia River Basin: Results from a strategic planning retreat of the Columbia River Lamprey Technical Workgroup, April 19, 2005). If existing fish-enumeration programs can not accommodate improved counts of Pacific lamprey, then this proposal should be a recommended action that appropriate entities should consider for funding.