

Description

Proposal ID	200754000	Reviewer	USFWS CRFPO	Date	7/24/07
Brief Title	Quantitative Assessment Sampling for Pacific Lamprey in Cedar Creek (Lewis River Subbasin), Washington				
Sponsor	U.S. Fish and Wildlife Service				

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
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Brief Description/Rationale:

The proposal presents an innovative approach to improve estimates of abundance and distribution for Pacific lamprey larvae through the development of a quantitative assessment sampling (QAS) program. This approach relies on work focused on sea lamprey from the Great Lakes and Europe to generate models to estimate macrophthalmia production of Pacific lamprey, and quantitative sampling approaches to rigorously estimate abundance of lamprey within a watershed. These two components would contribute to development of a QAS program applicable to watersheds throughout the Columbia River Basin. Because the proposed project would develop a method to generate data, it does not provide direct benefits to improve survival or productivity 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, the QAS program and data that the project is intended to generate would assist in addressing several critical uncertainties identified by the Columbia River Lamprey Technical Workgroup relative to lamprey status, limiting factors, biology/ecology, and population dynamics. Considering the potential benefits that developing a rigorous QAS program and applying it throughout the Columbia River basin would have on the quality of information and insights gained on Pacific lamprey, especially those not directly affected by passage at mainstem Columbia River dams, the project is an urgent need with regards to lamprey. Relative to the solicitation of innovative projects, this project should be considered a recommended action that appropriate entities should consider for funding.