

Bonneville Power Administration FY2003 Estuary Province Funding Recommendations For New Proposals and On-Going Projects

Proposal Number	Proposal Title	ISRP Rank	BPA Rank	RPA	BPA Comment
30001	Historic habitat opportunities and food-web linkages of juvenile salmon in the Columbia River estuary: Implications for managing flows and restoration	Fundable, first priority in estuary programs	A/Cond.	158,162	Recommend funding to implement; this should be funded as part of a comprehensive program and needs to coordinate with 30002, 1998-014-00, 30007, 30010 and the NMFS Systemwide acoustic project.
30002	Optimization of FCRPS Impacts on Juvenile Salmonids: Restoration of Lower-Estuary and Plume Habitats	Fundable, in part	A/Cond.	187,195	This should be funded as part of a comprehensive program and needs to coordinate with 30001, 30007, 30010 and 1998-014-00.
30003	Evaluation of Two Captive Rearing Methods for Assisting with Recovery of Naturally Spawning Populations of Steelhead and Coho Salmon	Fundable	C	182,184	Limited funding for the Estuary Province should preclude research that is not Estuary-specific but is applicable Systemwide, i.e., this proposal, and the other three FWS' Abernathy Creek proposals should be reviewed in the Mainstem/Systemwide review, or deferred until the next Estuary Province review cycle.
30004	Blind Slough Restoration Project - Brownsmead, Oregon	Fundable, if they meet certain conditions	A/Cond.	160	Restores about seven miles of slough channels; need to address ISRP concerns and questions regarding appropriateness of Corps' NEPA funding.
30005	Grays River Watershed and Biological Assessment	Fundable, in part, to do the watershed assessment including hydrological, geomorphological, habitat, and fish elements	A	157	Grays River supports one genetic group of threatened chum salmon.
30006	Effectiveness monitoring of the Chinook River estuary restoration project.	Fundable	A	158, 160, 162	Support funding pending actual removal of the Tide Gate.

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30007	An Acoustic Tracking Array for Studying Ocean Survival and Movements of Columbia River Salmon	Fundable, but at a reduced level	A/Cond.	186, 187	Support funding, but at a reduced level; needs to coordinate with 30002, 1998-014-00, 30001, 30010 and the NMFS Systemwide acoustic project. If possible, move to the Systemwide review and coordinate/collaborate with the NMFS acoustic proposal.
30008	Instream evaluation of populations, migration timing, individual adult return rates, and wild-hatchery interactions of 3 naturally produced salmonids	Fundable at medium priority; without knowledge of proposal 30003, this proposal appears unfocused.	C	174, 184, 188, 193	This project should be deferred to allow for coordinated development of a Status Monitoring Plan. See comment on Proposal No. 30003.
30010	Canada-USA Shelf Salmon Survival Study	Fundable, in part	A/Cond.	189, 195, 196	The data time series proposed in this project addresses critical uncertainties including delayed and differential, population-specific mortality. There may be opportunities to reduce the cost; needs to be coordinated with projects 1998-014-00, 30002, 30001, 30007.
30011	Preserve and Restore Columbia River Estuary Islands to Enhance Juvenile Salmonid and Columbian White-tailed Deer Habitat	Fundable	A	160	The acquisition of 626 acres of tidal marsh, swamp, slough and riparian forest habitat will provide significant progress toward the 1000 acres called for in the NMFS BiOp RPA 160.
30012	Compare Bacterial Fish Pathogen Populations in Hatchery Water and in Adjacent Creek Water and Evaluate Possible Disease Transfer Between Them	Not Fundable	C	141, 184	Defer to development of RM&E plan to identify research priorities (has some overlaps with 30003, 30008 and 30013); see comment on Proposal No. 30003.
30013	Role of Bacteria as Indicator Organisms for Watershed Assessment and in Determining Fish Pathogen Relationships with Fauna of Abernathy Creek	No ISRP recommendation; a requirement of funding should be that the PI is required to submit a completed experimental design developed with full collaboration of a statistician and agreed with by more senior USFWS staff.	C	152	Defer to development of RM&E plan to identify research priorities (has some overlaps with 30003, 30008 and 30012); see comment on Proposal No. 30003.

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30015	Lower Columbia River and Columbia River Estuary Ecosystem Monitoring and Data Management	No ISRP recommendation; review committee bothered by continued vagueness of the budget values and generalities of comments.	A/Cond.	161,163,198	This proposal addresses M&E specific to the estuary and is the only proposal that addresses RPA 198; support funding and negotiate SOW that addresses potential overlap and budget issues; proposal submitted under Systemwide solicitation as well.
30016	Implement the Habitat Restoration Program for the Columbia Estuary and Lower Columbia River	Fundable	A	159,160	This project is essential for implementation of RPA 160 and supports RPA 159; this is a project intended to be supported by both the COE and BPA; fund if COE receives the appropriation.
30017	Columbia River Tidewater assessment for Recovery Planning	Not Fundable	D	158,161,162	Duplicative of LCREP and NMFS proposals.
30018	Salmonid Population and Habitat Monitoring in the Oregon Portion of the Columbia Estuary	If funded, this proposal should be combined with project #31034 (Lower Columbia Province) in the contracting process.	C	180	Although this proposal addresses RPA 180, this RPA must be addressed Basin-wide; defer until development of RM&E plan for prioritizing research and await the results of pilot study in John Day Subbasin. Appears to be the same proposal as no. 31034 in the Lower Columbia Province.
1998-014-00	Survival and Growth of Juvenile Salmonids in the Columbia River Plume	Fundable	A/Cond.	158, 162, 194, 195, 197	This should be funded as part of a comprehensive program and needs to coordinate with 30001, 30002, 30007 and 30010.