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October 8, 2019

MEMORANDUM

TO: Fish and Wildlife Committee Members

FROM: Lynn Palensky

SUBJECT: Discussion on Upcoming Resident Fish and Sturgeon Project Review

BACKGROUND:

Presenter: Lynn Palensky

Summary: The Resident Fish and Sturgeon Project Review process will begin in early November. Staff will provide an overview of the process and outline review objectives for discussion with the Committee members.

Relevance: Section 4h(10)(D) of the Northwest Power Act directs the Council to review projects proposed for funding by Bonneville to implement the Council's Fish and Wildlife Program (Program). The Council engages in this review with the assistance of the Independent Scientific Review Panel (ISRP). The Council, Bonneville, and ISRP work together to develop the information necessary to make the review process successful. Project reviews increase Fish and Wildlife Program accountability and transparency; improve project design, implementation, and overall effectiveness; help track project and program performance; and facilitate information sharing and adaptive management.

Many Program-funded projects have been implemented for over a decade and have been reviewed multiple times. So, an important function of the reviews is to evaluate project results and how well the projects have adapted proposed future work based on those results, and how well the project sponsors have responded to the scientific and management issues identified in previous reviews. In addition, it is important to understand projects in the context of the larger administrative and policy issues. The project review process gives the Council a vehicle to assess implementation performance, adaptively manage within program areas, and make large and small course corrections.

Background

The Resident Fish and Sturgeon Project Review is the third of four categories in the process to review Program funded projects. The Wildlife Category and Mainstem and Program Support Category reviews are complete. This review set includes all resident fish habitat and hatchery projects and all sturgeon projects, a total of forty-seven projects (see attached list). The sturgeon projects were reviewed in 2011/2012 and resident fish projects were last reviewed in 2012. Most projects have had multiple ISRP science reviews over the years, including step reviews for artificial production.

The Resident Fish and Sturgeon review will begin the first week in November. At the time of writing, Council and Bonneville staff continue to work together to streamline the proposal form and submission process. A category review process generally takes nine to ten months to complete. The deadline for proposal updates is January 30, 2020. Council recommendations are anticipated in August 2020. The detailed schedule is attached.

Resident Fish and Sturgeon Project Review: Objectives and outcomes

Each project review process generates a significant amount of information related to science, administrative, program, and policy components of the Program. At the conclusion of a formal review process, the Council has documentation of proposed work purpose, objectives, accomplishments, results, methods, research, budgets, project locations, target species, applicability, relevancy, contribution to the Program and region, follow-on processes, and data and information sharing. Out of the formal project review process, we can report in a variety of ways at a project, topic or programmatic level, and depending on Council decisions, follow-on processes can continue to influence policies and implementation. All this information is available to the public through cbfish.org and the Council's website.

Staff has identified potential additional objectives for the upcoming review, beyond those essential outcomes of project review described above. These additional objectives will be discussed with the Fish and Wildlife Committee at the October meeting before the commencement of the Resident Fish and Sturgeon review. Below is a summary of the potential objectives that the Committee could consider for this review. Staff will provide details about each potential objective at the Committee meeting to help with the discussion.

Resident Fish and Sturgeon - Potential Objectives

Review Objective	Mechanisms for getting information	Reporting outcome
1. Resident Fish Draft Program objectives/indicators: how are individual projects contributing to: <i>Resident Fish: R1-R4, NF1, E1-3, C4, C6, C7 and HLI's</i>	<ul style="list-style-type: none"> ○ Proposal form reference (address as applicable) ○ Project annual reports 	<ul style="list-style-type: none"> ○ ISRP assessment in final report ○ Staff assessment of performance
2. Sturgeon		
a. Draft Program objectives/indicators: how are individual projects contributing to: <i>Sturgeon: WS1-1, E1-3, C4, C6 and HLI's</i>	<ul style="list-style-type: none"> ○ Proposal form reference (address as applicable) ○ Project annual reports 	<ul style="list-style-type: none"> ○ ISRP assessment in final report ○ Staff assessment of performance
b. Determine the need and feasibility to report on sturgeon using common metrics	<ul style="list-style-type: none"> ○ ISRP assessment 	<ul style="list-style-type: none"> ○ Council recommendation and future sturgeon workshop
3. Track Research components	<ul style="list-style-type: none"> ○ Existing inventory ○ Proposal form reference 	<ul style="list-style-type: none"> ○ ISRP assessment in final report ○ Council recommendation & tracking
4. Continued development of Habitat RM&E strategy	<ul style="list-style-type: none"> ○ Proposal form reference 	<ul style="list-style-type: none"> ○ ISRP assessment in final report ○ Info may be reflected in strategy
5. Establish Council Planning Budget	<ul style="list-style-type: none"> ○ Staff assessment 	<ul style="list-style-type: none"> ○ Council recommendation
6. Identify projects lacking quantifiable biological objectives	<ul style="list-style-type: none"> ○ ISRP assessment 	<ul style="list-style-type: none"> ○ ISRP assessment in final report ○ Council decision document and possible follow up

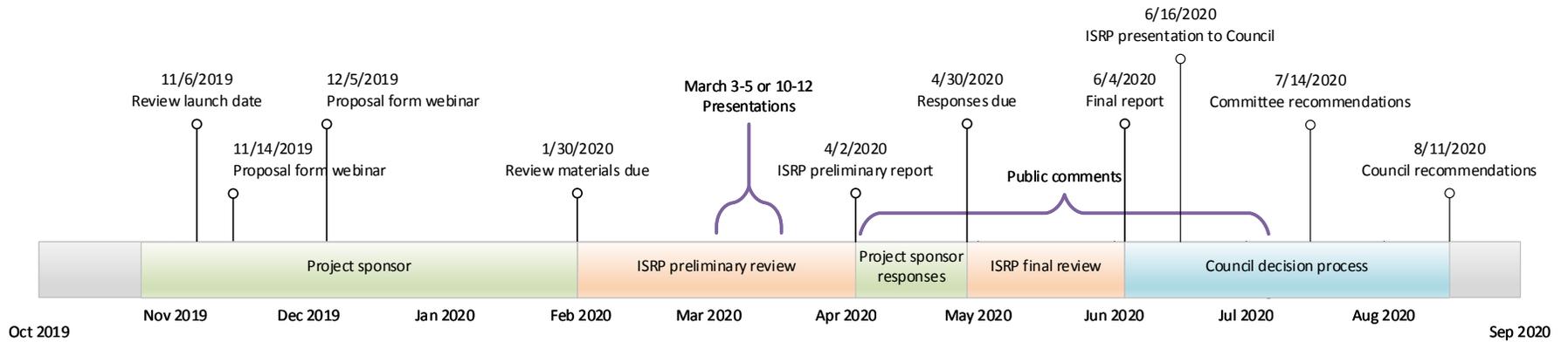
Resident Fish and Sturgeon Project Review Set

	Project #	Project Title	Sponsor
1	2019-005-00	Lake Pend Oreille/Dworshak	IDFG
2	2019-001-00	Sekonkini Springs Hatchery	MFWP
3	2017-004-00	Northern Pike Suppression and Monitoring	Colville Confederated Tribes WDFW STOI
4	2011-018-00	Pend Oreille River Basin Initiative: Land Acquisitions, Watershed Restoration, Conservation Hatchery	Kalispel Tribe
5	2008-455-00	Sturgeon Management	Yakama Confederated Tribes
6	2008-116-00	White Sturgeon Enhancement	Colville Confederated Tribes
7	2008-115-00	Lake Roosevelt Burbot Population Assessment	Colville Confederated Tribes
8	2008-109-00	Resident Fish Research, Monitoring and Evaluation (RM&E)	Colville Confederated Tribes
9	2007-405-00	Rufus Woods Habitat/Passage Improvement, Creel and Triploid Supplementation	Colville Confederated Tribes
10	2007-372-00	Lake Roosevelt Sturgeon Hatchery	Spokane Tribe
11	2007-246-00	Restoration of Bull Trout Passage at Albeni Falls Dam	Kalispel Tribe
12	2007-170-00	South Fork Snake River Yellowstone Cutthroat Trout Recruitment and Survival Improvement	Idaho Department of Fish and Game (IDFG)
13	2007-157-00	Bull Trout Status and Abundance on Warm Springs Reservation	Confederated Tribes of Warm Springs
14	2007-155-00	Develop a Master Plan for a Rearing Facility to Enhance Selected Populations of White Sturgeon in the Columbia River Basin	Columbia River Inter-Tribal Fish Commission (CRITFC)
15	2007-149-00	Non-Native fish Suppression	Kalispel Tribe
16	2007-024-00	Coeur D'Alene Trout Ponds	Coeur D'Alene Tribe
17	2002-003-00	Secure and Restore Fish and Wildlife Habitat in Montana	Salish and Kootenai Confederated Tribes
18	2002-002-00	Restore Natural Recruitment of Kootenai River White Sturgeon	Kootenai Tribe
19	2001-033-00	Hangman Creek Fish & Wildlife Restoration	Coeur D'Alene Tribe
20	2001-032-00	Coeur D'Alene Fisheries Enhancement-Hangman Creek	Coeur D'Alene Tribe
21	2001-031-00	Resident Fish Symposium	Lake Roosevelt Forum
22	2001-029-00	Ford Hatchery Operations and Maintenance (O&M)	Washington Department of Fish and Wildlife (WDFW)
23	2001-028-00	Banks Lake Fishery Evaluation	Washington Department of Fish and Wildlife (WDFW)
24	1997-019-00	Evaluate Life History of Native Salmonids in Malheur River Subbasin	Burns-Paiute Tribe
25	1997-011-00	Duck Valley Reservation Habitat Enhancement	Shoshone-Paiute Tribes
26	1997-004-00	Resident Fish above Chief Joseph and Grand Coulee Dams	Kalispel Tribe
27	1995-027-00	Lake Roosevelt Sturgeon Recovery	Spokane Tribe

28	1995-015-00	Duck Valley Reservation Reservoir Fish Stocking Operations and Maintenance (O&M)	Shoshone-Paiute Tribes
29	1995-013-00	Nez Perce Trout Ponds	Nez Perce Tribe
30	1995-011-00	Chief Joseph Kokanee Enhancement	Colville Confederated Tribes
31	1995-009-00	Lake Roosevelt Rainbow Trout Net Pens	Lake Roosevelt Development Association
32	1995-004-00	Libby Reservoir Mitigation Restoration and Research, Monitoring and Evaluation (RM&E)	Montana Fish, Wildlife and Parks (MFWP)
33	1995-001-00	Kalispel Tribe Resident Fish Program	Kalispel Tribe
34	1994-049-00	Kootenai River Ecosystem Restoration	Kootenai Tribe
35	1994-043-00	Lake Roosevelt Data Collection	Spokane Tribe
36	1992-010-00	Fort Hall Habitat Restoration	Shoshone-Bannock Tribes
37	1991-047-00	Sherman Creek Hatchery Operations and Maintenance (O&M)	Washington Department of Fish and Wildlife (WDFW)
38	1991-046-00	Spokane Tribal Hatchery Operations and Maintenance (O&M)	Spokane Tribe
39	1991-019-04	Hungry Horse Mitigation-Creston Hatchery	US Fish and Wildlife Service (USFWS)
40	1991-019-03	Hungry Horse Mitigation Habitat Restoration and Research, Monitoring and Evaluation (RM&E)	Montana Fish, Wildlife and Parks (MFWP)
41	1991-019-01	Hungry Horse Mitigation/Flathead Lake Restoration and Research, Monitoring and Evaluation (RM&E)	Salish and Kootenai Confederated Tribes
42	1990-044-00	Coeur D'Alene Reservation Fisheries Habitat	Coeur D'Alene Tribe
43	1990-018-00	Lake Roosevelt Rainbow Trout Habitat and Passage Improvement	Colville Confederated Tribes
44	1988-065-00	Kootenai River Fishery Investigations	Idaho Department of Fish and Game (IDFG)
45	1988-064-00	Kootenai River White Sturgeon Aquaculture Conservation Facility	Kootenai Tribe
46	1986-050-00	Evaluate Sturgeon Populations in the Lower Columbia River	Oregon Department of Fish and Wildlife
47	1985-038-00	Colville Hatchery Operation and Maintenance (O&M)	Colville Confederated Tribes

RESIDENT FISH AND STURGEON PROJECT REVIEW TIMELINE

OCTOBER 2019



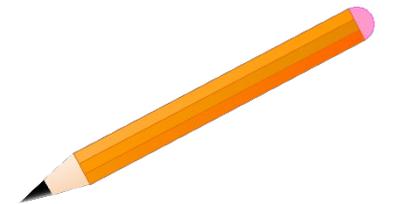
Resident Fish and Sturgeon Project Review

Begins November 2019

Products and Outcomes of All Reviews

Administrative – accountability, accessibility and tracking

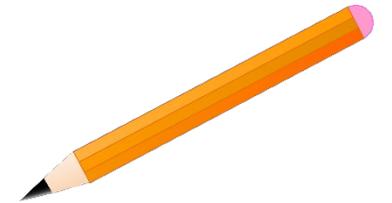
- Planning budget
- Cross-cutting programmatic issues
- Follow-on processes (project tracking)
- Data and information sharing



Project Level

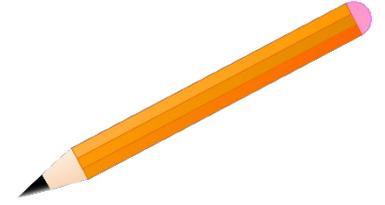
Products and Outcomes of All Reviews

- Project purpose, objectives, accomplishments, results, methods, research, budgets, project locations, target species...
- ISRP feedback to help improve individual projects
- Support and facilitate sharing of results
- Collaboration among sponsors
- Programmatic issues--program improvements/advancements



Program Level

Products and Outcomes of All Reviews



- Programmatic issues:
 - Applicability, relevancy, contribution to the Program and region by program strategy, geography or topic area
- Advancing science and policy across the region
 - Identify areas needing regional discussion
- Track program funding, allocation, expenditures

Programmatic Issues from 2012 Review

1. Follow-up plans and reports (management plans, synthesis, retrospectives, etc)
2. Support coordination/collaboration on White sturgeon activities, priorities and research
3. New project elements: fund as reviewed and recommended
4. Maintain budget allocation in Program (70:15:15)

Review objectives additional considerations

- Cross walk draft resident fish and sturgeon indicators and objectives from addendum
- Sturgeon: need and feasibility to use common reporting metrics
- Tracking research components
- Establish council planning budget
- Learn more about resident fish habitat RM&E to help develop the Council's strategy
- Identify projects lacking quantifiable biological objectives

Proposal Format

- Hybrid model
 - Cbfish: structured information
 - Word format: Narrative
- Links to relevant documents
 - In Pices/CBFish (e.g. annual rpts)
MonitoringResources (e.g. methods)
 - External (e.g publications)
- Allows flexibility for integrated programs

Review Schedule

RESIDENT FISH AND STURGEON PROJECT REVIEW TIMELINE

OCTOBER 2019

