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November 5, 2019

MEMORANDUM

TO: Council Members

FROM: Lynn Palensky

SUBJECT: Update on Resident Fish and Sturgeon Category Review

BACKGROUND:

Presenter: Lynn Palensky

Summary: The Resident Fish and Sturgeon Category Review process will begin on November 6, 2019 with an instructions packet emailed to 47 project sponsors. At current funding levels, these projects total just over \$35 million and represents about 13.5 percent of total program costs (expense funds).

Background

The Resident Fish and Sturgeon Category Review is the third of four reviews of program-funded projects. Category reviews are complete for wildlife and mainstem and program support projects. This current review includes 47 projects for resident fish and sturgeon projects (see attached list). The sturgeon projects were last reviewed in 2011/2012, and resident fish projects were last reviewed in 2012. Most projects have had multiple Independent Scientific Review Panel (ISRP) science reviews over the years.

Relevance: 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 ISRP. Project reviews provide benefits to the program on many levels including increasing program accountability and transparency; improving project design and implementation; contributing to tracking project and program performance; and facilitating information sharing and adaptive management. The Council, Bonneville, and ISRP work together to develop the information necessary to make the review process successful.

The ISRP reviews proposals for consistency with the program and makes recommendations to the Council as to whether these proposals:

- Are based on sound science principles
- Benefit fish and wildlife
- Have clearly defined objectives and outcomes, with provisions for monitoring and evaluation of results

Because the ISRP is specifically charged with reviewing “results of prior year expenditures,” 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.

Review Outcomes and Objectives

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 review process, the Council has documentation of the proposed work’s 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 project review process, staff 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 the project review information is available to the public through cbfish.org and the Council’s website.

At the October meeting, the Fish and Wildlife Committee endorsed additional objectives for this review, beyond those essential outcomes of project review described above. The additional objectives endorsed were primarily focused on understanding how the results from these projects could contribute to a broader effort at “program performance”. That is, reporting on assessing the overall effectiveness of the program’s strategies in achieving the program’s goals and objectives. The additional objectives endorsed include: These include:

- Assess how resident fish and sturgeon projects are contributing to specific objectives and high level indicators identified in the 2014 Program;
- Determine the need and feasibility of reporting on sturgeon using common metrics;
- Continue tracking research components;
- Learn how resident fish monitoring activities can help further shape the draft habitat research, monitoring and evaluation strategy;
- Establish a Council planning budget for each project; and
- Assist sponsors in developing clear project objectives (biological or implementation).

Sponsors will be developing proposals for work in FY 2021-FY 2025. Proposals are due January 30, 2020. See detailed schedule attached.

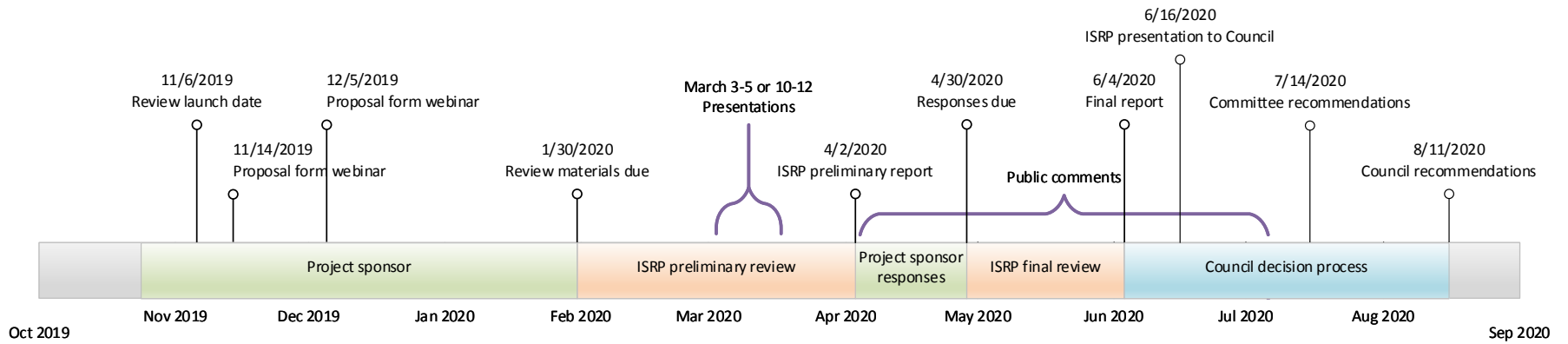
Resident Fish and Sturgeon Projects

	Project #	Project Title	Sponsor
1	2019-005-00	Lake Pend Oreille/Dworshak	IDFG
2	2019-001-00	Sekokini 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

Began November 6, 2019

Reviews this round

✓ Wildlife (29)

✓ Mainstem and Program Support
(50)

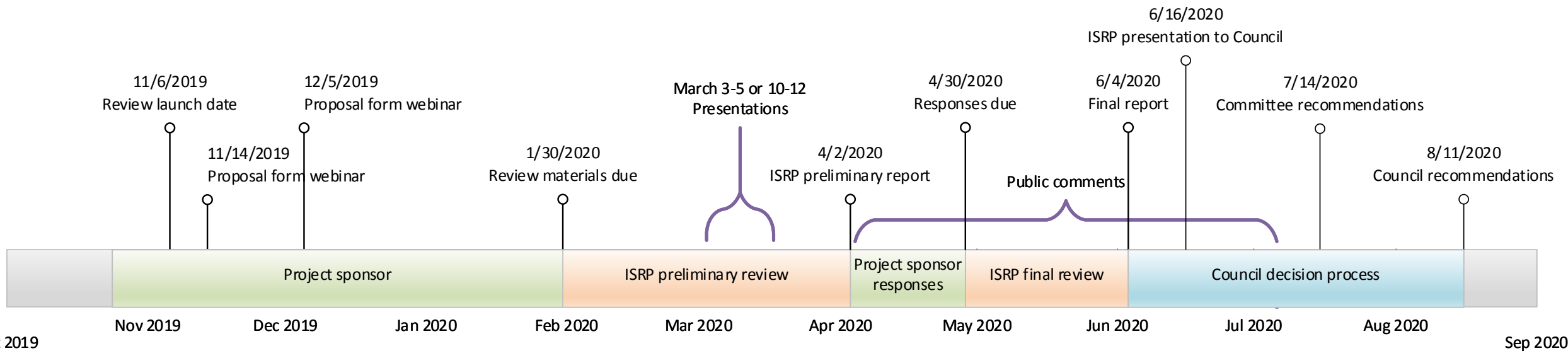
Resident Fish and Sturgeon (47)

Anadromous (Habitat and
Hatchery)
(~170)

Review Schedule

RESIDENT FISH AND STURGEON PROJECT REVIEW TIMELINE

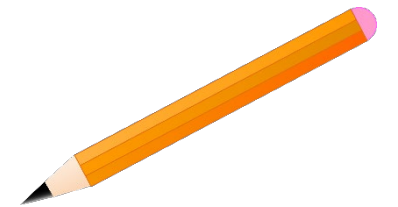
OCTOBER 2019



Products and Outcomes of All Reviews

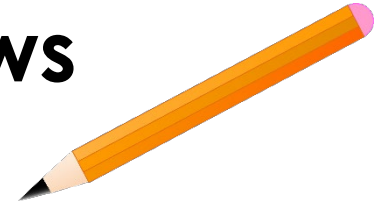
Administrative – accountability, accessibility and tracking

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



Products and Outcomes of All Reviews

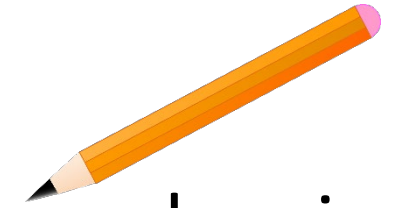
Projects – science and progress



- Project purpose, objectives, accomplishments, results, methods, research, budgets, project locations, target species...
- Help improve individual projects
- Sharing results and collaboration among sponsors
- Programmatic issues– understanding and improving program policies

Products and Outcomes of All Reviews

F&W Program – policy and science



- Applicability, relevancy, contribution to the Program and region by program strategy, geography or topic area
- Track ongoing research in the program
- Advancing science and policy across the region
- Identify areas needing regional discussion

Programmatic Issues from 2012 Review

1. Follow-up plans and reports (management plans, synthesis, retrospectives, etc)
2. White sturgeon coordination/collaboration
3. New project elements)
4. Maintain a budget allocation in Program (70:15:15)

Review objectives additional considerations

- Cross walk draft resident fish and sturgeon indicators and objectives from addendum
- Need and feasibility to report on sturgeon using common metrics
- Tracking research components
- Establish council planning budget
- Learn more about resident fish habitat RM&E to help develop the Council's strategy
- Assist with developing clear, quantifiable biological objectives

Review Schedule

RESIDENT FISH AND STURGEON PROJECT REVIEW TIMELINE

OCTOBER 2019

