



Hatchery and Fishery Reform Policy Review



June 2018 Fish and Wildlife Commission Decision to Review the Policy

“...review of all sections and aspects of the Policy...the review should include examining performance results since the policy was adopted, updating appropriate policy language and scientific elements, changing language tone about the positive value of hatchery programs, and providing alternatives for policy revisions including at least:

- Adding a categorical designation for mitigation hatcheries
- Accommodations of Southern Resident Killer Whale prey initiatives, and
- Different levels of hatchery-wild interactions that take into account the evolving science on risks to the salmon genetic resources of the State.

“While the review is underway and until the Commission adopts any revisions or refinements to the Policy, the Policy shall remain in effect except that policy guidelines 1, 2, and 3 shall be suspended for salmon species other than steelhead...”

WDFW's Assignment

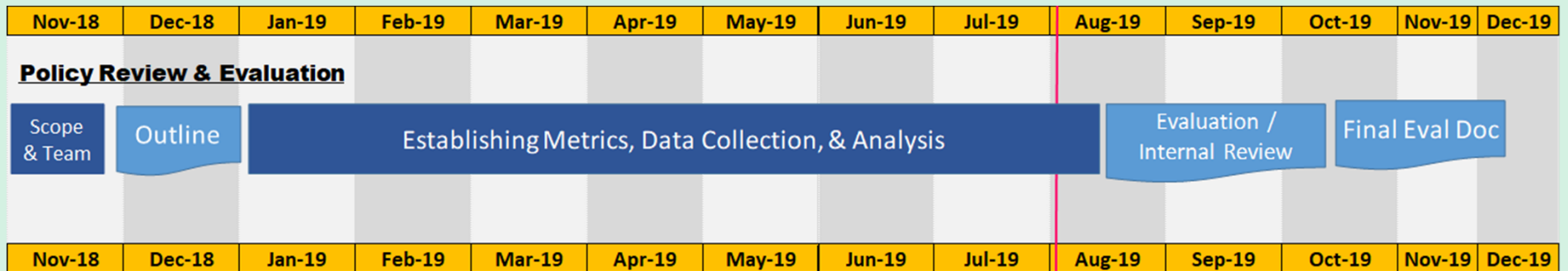
- **Review all aspects and sections of the policy**
- **Examine (WDFW) performance results since the policy was adopted**
- **Update scientific elements**
- **Provide alternatives for possible policy revisions**

Policy Review Elements

- **Policy Review and Evaluation** – in process
- **Science Review and Update** – in process
 - Written by WDFW, reviewed by Washington State Academy of Sciences (WSAS)
- **Tribal Engagement** – in process
- **Public Outreach** – in process
- **Executive Summary & Recommendations Report** – *not started*
- **Policy Revisions and Language Updates** – *not started*

Policy Review Elements

Policy Review & Evaluation



Policy Review Elements

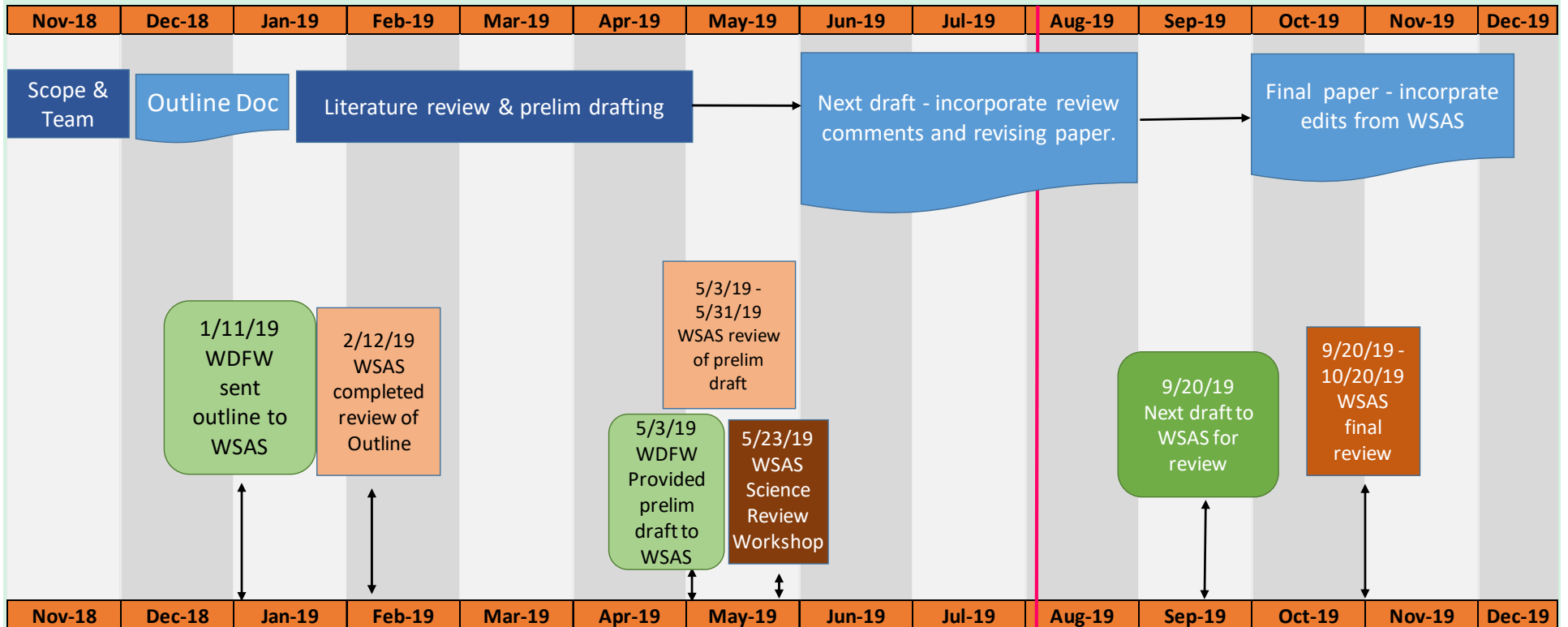
Policy Review & Evaluation

- Evaluate how well the department has *implemented* the 11 Policy Guidelines
- This review will be displayed in the form of a report card, with a summary report that examines data in a more detailed format
- Will include recommendations needed to conduct a performance evaluation

Policy Guideline	Progre
1 Use the principles, standards, and recommendations of the Hatchery Scientific Review Group (HSRG) to guide the management of hatcheries operated by the Department. b. In particular, promote the achievement of hatchery goals through adaptive management based on a structured monitoring, evaluation, and research program.	
1.a Develop Clear, Specific, Quantifiable Harvest and Conservation Goals for Natural and Hatchery Populations within an "All H" Context	R,Y,G
1.b Design and Operate Hatchery Programs in a Scientifically Defensible Manner	R,Y,G
1.c Monitor, Evaluate and Adaptively Manage Hatchery Programs	R,Y,G
2 The Department will prioritize and implement improved broodstock management (including selective removal of hatchery fish) to reduce the genetic and ecological impacts of hatchery fish and improve the fitness and viability of natural production working toward a goal of achieving the HSRG broodstock standards for 100% of the hatchery programs by 2015.	R,Y,G
3 Develop watershed-specific action plans that systematically implement hatchery reform as part of a comprehensive, integrated (All-H) strategy for meeting conservation and harvest goals at the watershed and Evolutionarily Significant Unit (ESU)/Distinct Population Segment (DPS) levels. Action Plans will include development of stock (watershed) specific population designations and application of HSRG broodstock management standards. In addition, plans will include a timeline for implementation, strategies for funding, estimated costs including updates to cost figures each biennium.	R,Y,G
4 Externally mark all Chinook, coho and steelhead artificial production that is intended to be used for harvest except as modified by state-tribal agreements or for conservation or research needs.	R,Y,G
5 Secure necessary funding to ensure that Department-operated hatchery facilities comply with environmental regulations for passage facilities, water intake screening, and pollutant control systems.	R,Y,G
6 Implement hatchery reform actions on a schedule that meets or exceeds the benchmarks identified in the 21st Century Salmon and Steelhead Framework.	R,Y,G
7 Provide an annual report to the Fish and Wildlife Commission on progress of implementation.	R,Y,G
8 Develop, promote and implement alternative fishing gear to maximize catch of hatchery-origin fish with minimal mortality to native salmon and steelhead.	R,Y,G
9 Seek funding from all potential sources to implement hatchery reform and selective fisheries.	R,Y,G
10 Define "full implementation" of state-managed mark selective recreational and commercial fisheries and develop an implementation schedule.	R,Y,G
11 Work with tribal co-managers to establish network of Wild Salmonid Management Zones (WSMZ) across the state where wild stocks are largely protected from the effects of same species hatchery programs. The Department will have a goal of establishing at least one WSMZ for each species in each major population group (biogeographical region, strata) in each ESU/DPS. Each stock selected for inclusion in the WSMZ must be sufficiently abundant and productive to be self-sustaining in the future. Fisheries can be conducted in WSMZ if wild stock management objectives are	R,Y,G

Policy Review Elements

Science Review & Update



Policy Review Elements

Science Review & Update

- Introduction
- Benefits of hatcheries
- Risks of hatcheries
- Hatchery reform
- Conclusions

Policy Review Elements

Co-management

7/19/19 – Technical meeting to discuss science review draft document

7/30/19 – Policy meeting to discuss co-manager role in policy revision

Moving Forward:

Ongoing discussions to determine appropriate timing and level of co-manager engagement

Policy Review Elements

Public Outreach

3/15 – 3/31/19 – Stakeholder interviews – conducted by Triangle Associates

4/11/19 – Open public meeting – facilitated by Triangle Associates

Moving Forward:

Public engagement meetings to be scheduled in winter 2019 upon completion of the science paper and policy evaluation. Public will be engaged as policy revision recommendations are being crafted. Dates yet to be determined.

Policy Review Elements

Executive Summary & Recommendations

- After the policy evaluation and synthesis of the science paper is completed, an Executive Summary and Recommendations document will be produced
- Summarize key findings and lessons learned
- Provide recommendations on possible policy revisions

Policy Review Elements

Policy Revision

- Will be an iterative process spanning many months following the FWC meeting schedule and process
 - Will be several opportunities for public input and testimony
- Will include input from 4 processes (evaluation, science review, co-management & public comments)
- Decisions on revised policy language will be up to the Fish & Wildlife Commission

FWC Commission Process & Schedule Moving Forward

September 13	<p>FWC Meeting, Winthrop</p> <ul style="list-style-type: none"> • Staff presentations <ul style="list-style-type: none"> ○ Draft Policy Performance Report ○ Draft New Science Report • Public testimony and comment period • Commission acceptance of, or guidance for, finalizing reports • Commission guidance on alternatives for analysis of possible policy changes
October 17	<p>Fish Committee Meeting, Olympia</p> <ul style="list-style-type: none"> • Staff briefing on progress status
December 13	<p>FWC Meeting, Bellingham</p> <ul style="list-style-type: none"> • Staff presentations <ul style="list-style-type: none"> ○ Reaching finality on Policy Performance and New Science Reports, if not already done ○ Analysis of alternatives of possible policy changes • Public testimony and comment period • Commission guidance on <ul style="list-style-type: none"> ○ analysis of alternatives of possible policy changes ○ development of a draft “strike-out/mark-up” Policy C-3619 document, showing active alternatives of possible policy language changes ○ co-manager and public review of possible policy changes

FWC Commission Process & Schedule Moving Forward

2020	
January	Fish Committee Meeting, location TBD <ul style="list-style-type: none"> • Staff briefing on progress status
February	FWC Meeting, location TBD <ul style="list-style-type: none"> • Staff presentation <ul style="list-style-type: none"> ○ Analysis of alternatives of possible policy changes ○ A draft “strike-out/mark-up” Policy C-3619 document, as per prior guidance • Public testimony and comment period • Commission decision and guidance on a draft “strike-out/mark-up” document showing, if possible, preferred alternative language for public review
March	Fish Committee Meeting, location TBD <ul style="list-style-type: none"> • Staff briefing on progress status
April	FWC Meeting, location TBD <ul style="list-style-type: none"> • Staff presentation <ul style="list-style-type: none"> ○ Final analysis and input on alternatives of possible policy changes • Public testimony and comment period • Final Commission decision on any changes to Policy C-3619 language



Questions?

