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March 2, 2021

### MEMORANDUM

**TO:** Fish and Wildlife Committee Members

**FROM:** Maureen Hess

**SUBJECT:** Overview of Anadromous Salmon and Steelhead Hatchery Production Above Bonneville Dam

### BACKGROUND:

**Presenter:** Maureen Hess, Fish and Wildlife Program Analyst

**Summary:** Staff will provide a presentation summarizing anadromous Salmon and Steelhead hatchery production in areas above Bonneville Dam in the Columbia River Basin. The effort to summarize production programs at this scale was initiated in a technical workgroup of states, tribes, and federal Parties within the *US v. Oregon* Management Agreement.

A coordinated approach to adequately fund hatchery operations and maintain and modernize hatchery infrastructure is critical to meeting mitigation obligations. This assessment aims to highlight how these interconnected production programs are currently funded, how programs are meeting or not meeting mitigation objectives, and identifying current hatchery infrastructure issues and needs.

A component of the Council's Fish and Wildlife Program (Program) artificial production is included and interconnected to the effort to summarize hatchery production broadly. Staff will highlight how a component of the Program's approximately 12 million target annual release of juvenile Salmon and Steelhead fits within the broader overview of anadromous hatchery programs in the Basin. Staff will also describe

how objectives of the hatchery programs assessment are complimentary to objectives in the Council staff 2021 workplan.

**Relevance:**

- New Hatchery Interactive Tool
- Program Tracker
- Program Performance and Progress Tool
- Asset Management Strategic Plan

The Council's new Hatchery Interactive Tool uses story maps and infographics to communicate the story of fish hatcheries, in a clear manner that explains the various purposes of the hatcheries for mitigation and conservation needs in the Columbia River Basin. This work addresses the 2014 Program's public engagement strategy (Part Three.IV.C.8) by facilitating public access to Program information and conveying the Program's accomplishments during the past 38 years. The coordinated effort through the Informal Hatchery Workgroup and the support from fisheries managers provides for an improved Basin-wide understanding of hatcheries.

Key information on hatchery programs is also relevant to the continued development of the Council's Program Performance and Progress and Resource Tools and Maps products using existing information (e.g., StreamNet, HGMP's). The Program Tracker and Program Performance & Progress tools, identified in the 2020 Addendum to the Program, track how the strategies are contributing to achieving the goals and objectives of the Program, and to report on program performance.

This work also supports implementation of several emerging priorities of the Program, including long-term Operations and Maintenance of Program assets (i.e., fish hatcheries).

**Workplan:** Fish and Wildlife Division; Program Implementation (2014 Program and 2020 Addendum); Program Performance; Other program implementation.

**More Info:** Links:  
[Council's Fish and Wildlife Hatchery Interactive Tool](#)  
[Council's Program Performance and Progress Tool](#)  
[Council's Program Tracker](#)  
[US v. Oregon Management Agreement](#)