

## **OFFICIAL COORDINATION REQUEST FOR NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE** – 20WVP08 Integrate Natural Origin Chinook Salmon Adults into North Santiam and McKenzie Broodstock

**COORDINATION DATE** – 19 June 2020

**PROJECT** – Willamette Valley Project Hatcheries/Fish Facilities (Minto Fish Facility, McKenzie/Leaburg Hatchery)

**RESPONSE DATE** – 03 July 2020

**Request** – ODFW has made a request to the National Marine Fisheries Service (NMFS) to integrate natural origin (NOR) spring Chinook into hatchery broodstock in two Upper Willamette hatcheries. Integration rates will be in accordance with the National Marine Fisheries Service ESA Section 7 Biological Opinion issued in 2019 for Upper Willamette hatchery programs.

### **Description of the problem**

Excerpt from ODFW below (see attachment 1, letter from ODFW to NMFS):

#### “North Santiam

In the N. Santiam Basin we expect the NOR run size of spring Chinook to exceed 1,000 fish. NOR counts at the Bennett dams are currently around 650 fish, and given the projected number of Chinook still in the Willamette River, NOR counts at the Bennett dams are likely to exceed 1,000 Chinook. We therefore intend to integrate up to 120 NORs into N. Santiam broodstock, which would be an impact to the natural population of 12% or less.”

*Correction from NMFS (Kruzic): “The one correction is only 6% allowed for N. Santiam, not 12%.”*

#### “McKenzie

In the McKenzie Basin, we are observing a much smaller run than in 2019. As of June 15, 2020, we have counted 358 NOR Chinook crossing over Leaburg Dam. We anticipate that the total number of NOR Chinook salmon passing Leaburg Dam will exceed 650 fish for the year, However we do not expect the total to be greater than 2,000. With NOAA concurrence, ODFW could take up to 20 natural origin fish for integration into broodstock if the NOR run approaches 1,000 Chinook and up to 80 NORs if the run approaches 2,000 Chinook. ODFW requests for integration of 40 NOR Chinook provided the NOR run-size exceeds 1,000 fish. This number would be approximately 4% of the NOR Chinook passing Leaburg Dam and would make up about 8% of the McKenzie Hatchery brood for 2020.”

**Type of change required** – Integrate NOR into North Santiam River and McKenzie River broodstocks.

**Impact on facility operation** – Slight operational adjustments to hold and integrate natural origin brood during spawning.

**Dates of impacts/change** – June 2020 through September 2020

**Length of time of the impacts/change** – 3 months

**Expected impacts on fish** – Minimal impacts to NOR are expected.

**Comments from agencies – No comments**

Please email or call with questions or concerns.  
Thank you,

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