# Fish Passage Plan (FPP) Change Request Form

**Change Form # & Title**: 21LWG001 – Early 2021 JBS Winter Dewater

**Date Submitted**: 7 December 20

**Project**: Lower Granite

**Requester Name, Agency**: Elizabeth Holdren, USACE

**Final Action:** **APPROVED – 28 January 2021**

**FPP Section**:

LWG sections 2.3.1. (Juvenile Facilities – Winter Maintenance), 2.3.2. (Juvenile Facilities – Fish Passage Season), and 3.2.1 (Maintenance).

**Justification for Change**:

During the 2020 and the upcoming 2021 fish passage seasons, LWG has supported early facility operation to provide an opportunity to evaluate juvenile salmonid outmigration. This has reduced time for maintenance on both juvenile and adult facilities. Juvenile systems and equipment impacted include ESBSs, primary dewaterer and bypass, collection channel orifice gallery, and the juvenile facility. In addition to the juvenile facilities, installation of ESBSs in February overlaps with other scheduled winter outage activities on Project including the adult fish ladder, AWS pump guide bearing rehabs, the navigation lock, and preventative maintenance such as replacing deteriorating VBS screens prior to failure.

LWG is requesting to dewater the primary bypass system December 1, 2021, to allow for an extended maintenance period during the 2021-2022 winter outage.

**Proposed Change**:

**2.3.1.** **Juvenile Fish Facilities - Winter Maintenance Period (December 16–March 24).** \*

**\****In 2021, the juvenile bypass system will begin operations March 1 and dewater December 1, as described below.*

**2.3.2. Juvenile Facilities – Juvenile Fish Passage Season (March 25–December 15).** \*

**\****In 2021, the bypass system will begin operations March 1 and dewater December 1, as described below.*

Operate according to criteria below for juvenile bypass, collection, and transport March 25–October 31 (\**except in 2021 when bypass operations begin March 1)*, and for adult fallbacks November 1–December 15 *(except in 2021 when bypass operation end December 1)*. Also operate according to criteria in the *Corps of Engineers Juvenile Fish Transportation Plan* (**Appendix B**). The transport program may be revised in accordance with the ESA Section 10 permit and NOAA Fisheries Biological Opinion.

**3.2. Maintenance – Juvenile Fish Facilities.**

**3.2.1. Scheduled Maintenance.** Scheduled maintenance of juvenile facilities is conducted throughout the year. Long-term maintenance or modifications of facilities, which require extended out of service periods, are conducted during the winter maintenance period (December 16–March 24\*). *[\*NOTE: in 2021, bypass operations will begin March 1 and end December 1, as described in* ***sections 2.3.1 and 2.3.2****]* During fish passage season, parts of the facilities are maintained on a daily, weekly, or longer interval to keep them in proper operating condition.

**Comments**:

28-JAN-2020 FPOM FPP Meeting: Holdren confirmed this is just for 2021. FPOM was supportive of this change form.

**Record of Final Action**: Approved at the FPOM FPP meeting 28-JAN-2021.