# Fish Passage Plan (FPP) Change Form

**Change Form # & Title**: 22LGS003 – ESBS Schedule

**Date Submitted**: 26-January-2022

**Project**: Little Goose Dam

**Requester Name, Agency**: Chuck Barnes

**Final Action:** **APPROVED 27-January-2022**

**FPP Section**: Table LGS-1, 2.3.1. Juvenile Facility Winter Maintenance Period, 2.3.1.2. ESBS, Flow Vanes, and VBS, 2.3.2. Juvenile Facilities-Fish Passage Season, 2.3.2.3 ESBSs and VBSs, 2.3.2.4. Collection Channel and 3.2. Maintenance-Juvenile Fish Facilities 3.2.1.2.

**Justification for Change**: This Fish Passage Plan (FPP) change is to request ESBS removal to start on the Monday of the third week of December, to include the first partial week when applicable. The current start date for removal of ESBSs of December 16 changes from year to year in an 8-day cycle. Some cycles fall Friday-Sunday which is outside of the normal work week or fall toward the end of the work week resulting in a narrow window to complete ESBS removal. This results in over-time labor costs and negative impacts to work-life balance of personnel.

In 2022, December 16 falls on a Friday which means the mechanical crew would need to work overtime to pull ESBSs without impacting other maintenance that must be completed during the winter outage. The proposed change would allow the crew to start pulling screens Monday December 12-15. The channel will be dewatered once all fish screens are removed, which may also fall prior to the December 16 timeframe on some years. This will reduce cost in the overall Fish labor expenditures due to overtime and support employees that would like to schedule leave to be with family for the holidays.

**Proposed Changes**:

**2.3.1. Juvenile Fish Facilities - Winter Maintenance Period (3rd week of December –March 31).**

**2.3.1.2. ESBS, Flow Vanes, and VBS.**

Removal of ESBSs may begin as early as the Monday of the third week of December. Within a week after ESBSs are removed for winter maintenance (or as soon as practical), inspect for juvenile salmonid mortalities and all other incidental fish mortalities. Count all mortalities (or make best estimate) for each ESBS and report to CENWW-OD-T.

**2.3.2. Juvenile Facilities – Fish Passage Season (April 1 – 3rd week of December).**

Operate according to criteria below for juvenile bypass, collection, and transportApril 1–October 31, and for adult fallbacks November 1 through the Monday of the 3rd week of December. Also operate according to criteria in the *Corps of Engineers Juvenile Fish Transportation Plan* in **Appendix B**. The transportation program may be revised in accordance with the ESA Section 10 permit and NOAA Fisheries Biological Opinion.

**2.3.2.3. ESBSs and VBSs.**

Between Thanksgiving and the Monday of the 3rd week of December, if the National Weather Service forecast for Little Goose Dam[[1]](#footnote-1) is below 20°F for 24 hours or longer, screens may be removed. Prior to removing screens, request special permission from CENWW-OD-T, who will then inform NOAA Fisheries and FPOM.

**2.3.2.4. Collection Channel.**

Ensure orifice lights are functioning and operating on open orifices 24 hrs/day. Replace all burned out orifice lights within 24 hours of notification. Orifice lights and area lights may be turned off the evening before dewatering the channel at the end of season (the Monday of the 3rd week of December or later) to encourage fish to exit the channel volitionally. Area lights can be turned on briefly for personnel access if necessary.

3.2. Maintenance - Juvenile Fish Facilities

**3.2.1. Scheduled Maintenance.**

**3.2.1.2.** Long-term maintenance or modifications that require facilities out of service for extended periods are conducted during winter maintenance period, beginning as early as the Monday of the 3rd week of December through –March 31.

**COMMENTS**:

1/27/22 FPOM FPP Meeting:

Bettin requested having this added to JDA too. Fielding concurred and will submit a change form.

**RECORD OF FINAL ACTION**: Approved at the FPOM FPP meeting 1/27/22.

1. [↑](#footnote-ref-1)