# Fish Passage Plan (FPP) Change Request Form

**Change Form # & Title**: 20TDA010 – Dewater Fishway Below Tailwater Frequency

**Date Submitted**: October 14, 2020

**Project**: TDA

**Requester Name, Agency**: Bob Cordie, COE TDA

**Final Action:**

**FPP Section**: TDA 2.4.1 – Adult Facilities / Winter Maintenance Period

**Justification for Change**: Dewatering this area is labor intensive, stresses fish and can damage some concrete areas when exposed to freeze conditions. If there are no planned maintenance needs, an ROV inspection is more cost effective.

**Proposed Change**:

Insert new section after 2.4.1.1:

**2.4.1. Adult Fish Facilities - Winter Maintenance Period (December 1 – end of February).**

**2.4.1.1.** Only one of the two adult fish facilities may be out of service at any one time during the winter maintenance period unless coordinated through FPOM. The operating facility shall be operated in accordance with fish passage season criteria in **section 2.4.2** unless specially coordinated. Outage periods will be minimized to the extent practicable.

**2.4.1.2** Dewatering of areas below tailwater can be done every other year as determined by maintenance needs. All diffuser gratings and weirs will be inspected by ROV if not dewatered.

**2.4.1.3.** Dewater all ladders and inspect for projections, debris, or plugged orifices that could injure fish or slow their progress up the ladder. Make necessary repairs and complete preventative maintenance.

**Comments**:

 Oct 8, 2020 – FPOM:

For the last 20 years, TDA has dewatered the collection channel every year. They would like to do an ROV inspection instead. There is evasive language in the FPP that allows the ROV. There is no planned maintenance, just inspecting the grating.

Bettin asked if Cordie will clean up the language in the FPP for the future.

Morrill asked what they normally see in the ladder. They usually find large sturgeon. The best inspection is dewatering and physically seeing each grating. They have not had any issues with the gratings, just minor issues that would have been caught with an ROV.

Lorz would be fine with skipping one year but at least every other year.

Bellerud thinks it is good to minimize sturgeon interaction and is fine with skipping a year.

The grating at the entrances were replaced ~10 years ago. A couple of gratings in the transportation channel are original but the diffuser valve is closed.

Lorz asked if the gratings are lamprey spaced. The original grating is not but the valve is closed, and they don’t typically get many fish even in the collection channel pools.

VanDyke and Morrill had no objections to this work.

 Oct 14, 2020 – email from Bob Cordie, TDA:

Cordie submitted an FPP Change Form for not dewatering channels this year, as discussed at FPOM.

**Record of Final Action**: Discussed and approved at FPOM on Oct 8, 2020.