

FPP Change Request Form

Change Form# & Title: 15TDA006 – ITS outage time extension
Date Submitted: May 7, 2015; Revised May 27, 2015.
Project: TDA
Requester Name, Agency: Bob Cordie, The Dalles Fisheries
Final Action:

FPP Section: TDA section 2.4.2.6. Juvenile Facilities – Fish Passage Season.

Justification for Change: During a unit maintenance outage, gatewell orifices must be closed to prevent backflow into a dewatered scroll case from the sluiceway channel. This has been done with a temporary blocking device in the past. FPOM approved permanent closure of these approximately 10 years ago. Only half of the 66 orifices have been permanently closed. Permanently closing these will eliminate future sluiceway outages in the future.

The FPP has allowed 30 minutes of sluiceway outage to complete this work in the past. Both permanent and temporary closure results in the same amount of sluiceway outage time. Realistically, it takes approximately 1 hour outage due to the many procedural steps involved. This includes a new, lengthier safety clearance procedure. If there is delay in any of these steps, it adds to the length of the outage, which can take up to 2 hours. Attempting to do more unit maintenance during the non-fish passage season is not feasible because maintenance staff is focusing on winter fishway maintenance during that time.

Efforts will be made to conduct as many of these steps in preparation before closing the sluiceway.

Proposed Change:

2.4.2.6. When units are being dewatered, leave endgate open and close sluice gates to expose gatewell orifices, and then install orifice blocker. After orifice-sealing devices are installed, sluice gates should be returned to the open position. Installation time should be approximately 30 minutes 1 hour.

Comments from others:

14-May-2015 FPOM: Pending. Fredricks would like further discussion. This work can only occur during the day. TDA is getting more aggressive about completing the plating of the orifices. Cordie will take a closer look at the schedule to see how many might be completed outside of the winter work window.

Record of Final Action: