# Fish Passage Plan (FPP) Change Form

**Change Form # & Title**: 22JDA008 – Orifice Operation

**Date Submitted**: 3/17/22

**Project**: John Day Dam

**Requester Name, Agency**: Eric Grosvenor, Michael Lotspeich, Laura Ricketts CENWP-ODJ

**Final Action: APPROVED - April 14, 2022**

**FPP Section**:

JDA 2.3.2.2 – Juvenile Facilities / Fish Passage Season / Gatewells & Orifices

**Justification for Change**:

Currently there is nowhere in the FPP that states units must be shut down if an orifice is closed. It mentions shutting the unit down when debris accumulations are high, but NOT when it is stuck closed. JDA only has one orifice/gatewell so when the orifice is closed fish have no way to exit the gatewell. With no way out of the gatewell fish densities would continue to increase, and ultimately lead to high mortality rates.

Additionally, our project deploys some screens March 1st, so the current phrasing of opening all gatewell orifices on April 1st may be misleading. It would be more appropriate to say run units with orifices open when STSs are installed.

**Proposed Change**: *Edits to existing FPP text in “track changes”.*

**2.3.2.2. Gatewells and Orifices.**

Open all gatewell orifices whenever STSs are deployed. If an orifice cannot be opened, the corresponding unit must be taken out of service within 1 hour until all necessary repairs are made.

**Comments**:

April 14, 2022, FPOM:

Swank asked how frequently a unit has to be shut down due to a stuck orifice? Wright assumed rarely but the project wanted this language to be in there to be clear on the process. Bettin asked how soon the unit would have to be shut down? It’s tough to do immediately; is top of the hour sufficient? Wright will check with project and add that info if feasible.

After the meeting, Grosvenor confirmed that adding “within 1 hour” is appropriate.

**Record of Final Action**: Approved as revised at FPOM 4/14/22.