# Fish Passage Plan (FPP) Change Request Form

**Change Form # & Title**: 17IHR001 – RSW Operation during low flows

**Date Submitted**: December 15, 2016

**Project**: Ice Harbor

**Requester Name, Agency**: Ken Fone, Ice Harbor Dam, USACE

**Final Action:** **APPROVED 1/26/2017**

**FPP SECTION**:

Ice Harbor 2.3.3.7.v (Juvenile Facilities – Fish Passage Season – RSW)

**JUSTIFICATION**:

The 2016 FPP has criteria for closing the RSW during low flows below 30 kcfs but does not have instructions for re-opening the RSW if flows increase above 30 kcfs. These instructions need to be in the 2017 FPP to provide clarification.

**PROPOSED CHANGES**:

**2.3.3.7. Removable Spillway Weir (RSW).**

**v.** On or after June 21 (start of summer spill), when average daily total project outflow is less than 30 kcfs and forecasted to remain below 30 kcfs for three or more days on a declining hydrograph, the RSW will be closed and spill will be distributed in patterns for spill with no RSW in **Table IHR-9**. The RSW will be re-opened if average daily total project outflow increases above 30 kcfs and is forecasted to remain above 30 kcfs for three or more days (NWRFC inflow forecast for Ice Harbor Dam at: www.nwrfc.noaa.gov/river/station/flowplot/flowplot.cgi?IHDW1).

**COMMENTS**:

1/26/2017 FPOM FPP Meeting: Approved w/ caveat that criteria may change based on review of depth-distribution data if there are findings that point to a better time to close the surface weirs. Lorz noted that if data indicate juveniles are migrating deeper at certain times, then it would be more beneficial to pass that water through deep spill.

**RECORD OF FINAL ACTION**: APPROVED at FPOM FPP meeting 1/26/2017.