# Fish Passage Plan (FPP) Change Request Form

**Change Form # & Title**: 17LWG003 – Channel Velocity

**Date Submitted**: 23 December 2016

**Project**: Lower Granite Dam

**Requester Name, Agency**: Elizabeth Holdren, USACE Lower Granite Dam

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

**FPP Section**: LWG 2.4.2.8. Adult Fish Facilities – Fish Passage Season - Channel Velocity

**Justification for Change**: Lower Granite fish ladder collection channel velocity meter was replaced as part of the ladder control system upgraded during the 2015-2016 winter maintenance season. The old meter did not accurately represent the flow characteristics of the channel and the vendor has been out of business for several years.

**Proposed Change**: (edits to existing FPP text in “track changes”)

**2.4.2.8. Channel Velocity.** 1.5' to 4' per second, as measured by the NPE Channel Velocity meter digital display on the Adult Fishway Biologist Snap Shot or in the panel box located in the adult fish gallery on the third floor of the powerhouse.

1. The channel velocity meter has a 5-minute delay to changes in flow and readings may be influenced by fish and/or debris in close proximity to the sensor. Readings that fall outside of criteria should be checked after 5 minutes to verify accuracy.

**Comments**:

1/26/2017 FPOM FPP: Lorz will confirm with Benner and bring it back to FPOM if there are any concerns. Otherwise approved.

**Record of Final Action**: APPROVED at FPOM FPP meeting 1/26/2017