

Fish Passage Plan (FPP) Change Request Form

Change Form # & Title: 15MCN001 Delete OR Ladder Reduced Nighttime Flow
Date Submitted: May 2, 2014
Project: McNary Dam
Requester Name, Agency: Ken Fone, Corps NWW Lamprey PDT
Final Action: APPROVED – [May 8, 2014](#)

FPP Section: McNary 2.3.2.2.j (Adult Passage Facilities Operating Criteria March 1-Dec 31)

Justification for Change: The lamprey prototype entrance structure was installed at SFE 2 in February, 2014. The structure will be opened to provide deeper ports for adult lamprey passage under the entrance weir in early June. In order to attain the proper water velocity through the structure to attract and pass lamprey, the Oregon fish ladder entrance weirs will need to operate to provide the normal 1'-2' entrance head over the weirs. Therefore, the Oregon fish ladder entrance weirs will not be lowered down to sill at night, which was originally done to reduce the water velocity for adult lamprey passage over the weirs. The night-time flow reduction will not be used with the lamprey entrance structure installed. The lamprey structure is scheduled to remain in place through 2015.

Proposed Change: Delete section 2.3.2.2.j.

~~2.3.2.2.j. Lamprey Passage Season June 15–September 30 (modifications with removal of segmental gate stationary section).~~

~~j.1. Implement nighttime (2100–0400 hours) segmental gate operations:~~

~~i. Lower the SFE 1 entrance weir to the lowest elevation (244 fmsl).~~

~~ii. Lower the NFE 2 & 3 entrance weir to the lowest elevation (252 fmsl).~~

~~j.2. Daytime operations from 0400–2100 hours:~~

~~i. Extend telescoping segmental gates SFE 1 and NFE 2 & 3 depth: 8' or greater below tailwater.~~

~~ii. Maintain tail water and channel differential of 1.0–2.0'.~~

Comments:

Record of Final Action:

5/8/14 FPOM – APPROVED