

CENWW-OD-WM

Date: 12 November 2014

MEMORANDUM FOR THE RECORD

SUBJECT: MFR 14 28 McNary Juvenile Collection Channel in Emergency Bypass

Narrative: Yesterday, at approximately 1045 hours, the McNary juvenile collection channel rectangular screen brush failed, due to very wet conditions caused by severe wave action in the forebay. The project was experiencing 55 mph winds with gusts to 70. This splashed water and debris over and around the barriers, into the channel, soaking the rectangular and side screen brush apparatus. The side screen brush and rectangular/transition screen bubbler system continued to perform.

We had already planned to go into emergency bypass later today, November 12, due to freezing conditions that threaten the integrity of the Juvenile Fish Facility. Due to the failure of the rectangular brush, we are now moving into emergency bypass at approximately 1000 hours, a few hours earlier than planned in our original submission last week.

Results: The McNary project successfully transitioned into emergency bypass by 1330 this afternoon, with no problems or fish losses to report, other than a few juvenile shad that were lost on the rectangular screen and in the channel. Several dozen salmonids, mostly steelhead, were rescued, as well as an assortment of carp, walleye, bass and catfish. Now all of the fish are going out the north trash sluiceway. All ESBS and VBS screens remain in place. The steelhead study will not be affected.

Please contact me if you have any questions.

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McNary Juvenile Fish Facility