

FISH PASSAGE O&M COORDINATION TEAM
Adult and Juvenile Fish Facilities Status Report
U.S. Army Corps of Engineers
Walla Walla District
November 4, 2004

Construction

New Removable Spillway Weir at Ice Harbor: Work on the RSW continues. The on-site contractor is somewhat behind schedule and is now working six days per week. The RSW is being fabricated in Vancouver and is scheduled for delivery to Ice Harbor on February 20. It will be ready for the 2005 spill season.

Repair of AWS Pumps 2 and 3 at McNary: Pump 2 has been out of service since July 8. Repairs by the contractor were completed on November 3 (or 4). Project workers need about four workdays to reset the dewatering bulkheads and get the pump back in service. However, funding for holiday and weekend work (i.e. overtime pay) is nil due to the government's CRA (no FY05 federal budget yet). The pump is therefore expected to return to service on November 10 or 15. Pump 3 has been out of service for over a year and repairs are scheduled for completion by next March.

Rehabilitation of Spillway Gates at McNary: Work continues on rehabbing four spillway gates and is scheduled for completion by February 2005. This will allow for the use of all 22 spillway bays.

Operations and Maintenance - Juvenile Fish Facilities

All facilities are operating. Fish transport ended on October 31 at Lower Granite and Little Goose, October 1 at Lower Monumental, and September 19 at McNary. All projects, including Ice Harbor, will continue primary bypass until at least December 16. Off-season maintenance is underway.

Testing of Primary Dewaterer at Little Goose: The primary dewaterer was vibration tested on October 20 to determine the reason for cracks in some of the I-beams and welds. During the testing, the facility was in primary bypass from 0900 to 1600 hours. A localized area where the downwell makes contact with some beams is now believed to be the source of the problem. A fix is anticipated about one year from now. In the meantime, no significant problems are expected and the facility will operate in 2005 as usual.

Operations and Maintenance - Adult Fish Facilities

All adult fishways are in operation. Aside from the problems with AWS pumps 2 and 3 at McNary, mentioned above, there are no other items of significance to report.

Research

Operation of Adult Fish Trap at Lower Granite: Several agencies continue to use the trap: WDFW (run reconstruction and broodstock for Lyons Ferry Hatchery), IDFG (scale samples/age

structure), and USFWS (radio-tracking and run composition). The trap continues to divert 13% of all fish ascending the ladder. Fish passage numbers are declining. Lots of coho have passed.

Radio-tracking of Juvenile Fall Chinook: The USGS and USFWS continue their radio-tracking study of juvenile fall Chinook from above Lower Granite to below Ice Harbor. The fieldwork will end in mid-April.

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