

MEMORANDUM FOR THE RECORD: 19 LWG 05 Fish Ladder Partial Dewater

SUBJECT: Adult fish ladder partial dewatering due to fish count backboard repair.

The upstream lower corner of the adult fish count backboard frame broke loose resulting in the frame and backboard moving back and forth in the fish count slot (see photos below). Ladder flow was pushing the backboard towards the counting window glass and allowing fish to go behind the backboard. Not repairing the backboard risked the entire frame breaking from the support structure. Lower Granite dewatered the upper section of the fish ladder from 1200-1615 hours May 2 to repair the fish count backboard. ASW supply pumps were removed from service from 1230 hours May 1 until 1624 hours May 2. There were no live adult fish in the ladder during dewatering. There were 12 clipped juvenile Chinook salmon removed from the fish ladder exit and released below Lower Granite. Mortalities included 1 clipped juvenile Chinook salmon and 3 decomposed clipped steelhead. Adult fish counts at LWG for the last week (April 25-May 1) totaled 11 adult Chinook salmon, 1 jack Chinook salmon, and 73 steelhead.

- A. Species – Steelhead and Chinook
- B. Origin – Clipped
- C. Length – N/A
- D. Marks and tags – N/A
- E. Marks and Injuries found on carcass – N/A
- F. Cause and Time of Death – Unknown
- G. Future and Preventative Measures – N/A

Sincerely,
Elizabeth Holdren
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Lower Granite Project
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Photo 1. LWG fish ladder PH mechanical crew repairing the fish count window backboard frame.



Photo 2. Close up of disconnected backboard bracket.