

CENWW-ODL

07/10/2017

MEMORANDUM FOR RECORD: 17 LWG 14 Adult Trap Chinook Mortality:

Lower Granite Adult Trap Chinook Mortality – 09 July 2017

Description of the problem: Four adult Chinook salmon mortalities were discovered on top of the adult trap recovery pool grating July 9 at 0940 hours. The fish likely jumped through failed false weir seclusion bars and landed on the grating below. Friday afternoon to Sunday morning the adult trap operation is changed to non-sampling mode and NOAA personnel are not present. Mortalities occurred between 1500 hours July 7, when NOAA personnel switched out of trapping mode, and 0940 hours July 9 when the Corps biological staff noticed the fish during a fish ladder inspection. Temporary repairs to the existing false weir were made. New seclusion bars are being fabricated to replace the temporary fix and will be installed when available.

- A. Species – Four adult Chinook salmon.
- B. Origin – One Unclipped and three clipped.
- C. Length – 55 cm, 76 cm, 77 cm, and 77 cm.
- D. Marks and tags – 1 Coded Wire tagged unclipped Chinook.
- E. Marks and Injuries found on carcass – Descaling associated with landing on metal grating.
- F. Cause and Time of Death – The mortalities were due to jumped through the failed false weir seclusion bars and landing on the grating below.
- G. Future and Preventative Measures – Seclusions bars that can be secured in place are being designed for installation by Corp maintenance.
- H. Photos – See below.



Photo 1. Looking down on failed false weir grating.



Photo 2. Looking upstream adult trap attraction pool and false weirs.



Photo 3. Fabrication of replacement bars for false weir.

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