

**MEMORANDUM FOR THE RECORD: 19 LWG 09 Fish Ladder Adult Trap Fish Rescue Mortalities****SUBJECT: Fish ladder adult trap end of season dewatering fish mortalities.**

Lower Granite adult fish trap was dewatered for winter maintenance from 1300-1610 hours November 18. Historically NOAA fisheries dewater the adult trap without Corps support. In an effort to improve regional reporting LWG Fisheries is working together to ensure dewatering and fish rescue events are reported to the region. This year the LWG Corps Biologists performed the fish rescue with NOAA on site providing PIT scanning. Live fish recovered from the trap included 1 unclipped juvenile Chinook, 1 unclipped adult Coho and 1 unclipped adult Steelhead that were both released into the tailrace. Mortalities included 7 unclipped Chinook, 1 clipped Chinook, 1 Coho, and 2 unclipped Steelhead. None of the mortalities had PIT tags and all of these fish were decomposed. Incidental species recovered live include 13 suckers, 6 common carp, 11 smallmouth bass, 1 walleye, and 10 peamouth. All other live fish located near the drain were flushed directly to the river.

Mortalities have historically been observed in the in the adult trap recovery pool but mortalities in this location does not indicate it was a result of fish passage issues or trapping operation. Mortalities observed in the recovery pool could have happened at any point above the adult trap in the ladder or forebay of the dam. All mortality above the trap would be found in the recovery pool or on the turnpool diversion gate including post spawn mortalities.

- A. Species – Chinook, Steelhead, and Coho
- B. Origin – Clipped, Unclipped
- C. Length – N/A
- D. Marks and tags – All fish were scanned for PIT tags. No fish were tagged.
- 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  
Supervisory Fisheries Biologist  
Lower Granite Project  
Ph. (509) 843-2263