

MEMORANDUM FOR THE RECORD

SUBJECT: 14BON45 MFR – Sockeye and Pacific lamprey mortalities at Bonneville’s Adult Fish Facility (AFF).

On 27 July 2014, U of I researchers contacted Project Fisheries to report mortalities recovered from the valve 15 trash rack. All fish except for one severely deteriorated lamprey were kept for bio-analysis by USFWS in conjunction with the USGS and CRITFC.

Information collected is provided below:

- A. Species – Sockeye Salmon (*Oncorhynchus nerka*)
- B. Origin – Adipose present
- C. Length – 48 cm
- D. Marks and tags – None
- E. Marks and Injuries found on carcass – None obvious in current state.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None immediately taken. Efforts by NWP and BON to reduce AFF mortalities are ongoing.

- A. Species – Sockeye Salmon (*Oncorhynchus nerka*)
- B. Origin – Adipose present
- C. Length – 36 cm
- D. Marks and tags – None
- E. Marks and Injuries found on carcass – None obvious in current state.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None immediately taken. Efforts by NWP and BON to reduce AFF mortalities are ongoing.



- A. Species – Pacific Lamprey (*Entosphenus tridentatus*)
- B. Length – 70.5 cm. Interdorsal space – 40 mm.
- C. Marks and tags – None
- D. Marks and Injuries found on carcass – None obvious in current state.
- E. Cause and Time of Death – Unknown.
- F. Future and Preventative Measures – None immediately taken. Efforts by NWP and BON to reduce AFF mortalities are ongoing.

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*)
- B. Length – 58 cm. Interdorsal space – 28 mm.
- C. Marks and tags – None
- D. Marks and Injuries found on carcass – None obvious in current state.
- E. Cause and Time of Death – Unknown.
- F. Future and Preventative Measures – None immediately taken. Efforts by NWP and BON to reduce AFF mortalities are ongoing.



Sincerely,
Bonneville Fisheries