

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 16BON40 MFR** – Pacific Lamprey mortalities at Bonneville’s Adult Fish Facility (AFF).

On 21 June 2016, a biologist from the Fisheries Field Unit notified Project Fisheries on behalf of CRITFC and the Confederated Tribes of the Warm Springs Reservation of Oregon (CTWSRO) of two lamprey mortalities taken from the lamprey traps in the AFF. It was reported that the lamprey traps were very full and the mortalities may have occurred due to overcrowding. Lamprey trapping has occurred for tribal translocation and for a PIT tag study by CTWSRO. Tribal collection for translocation completed today (21 June) and trapping will continue for CTWSRO. The fish were scanned for tags (none present) and saved for USFWS analysis.

Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Length – top picture: 64 cm (interdorsal length 37 mm)  
bottom picture: 65 cm (interdorsal length 35 mm).
- D. Marks and tags – No marks or tags.
- E. Marks and Injuries found on carcass – None.
- F. Cause and Time of Death – Death occurred sometime during trapping (overnight), potentially due to overcrowding.
- G. Future and Preventative Measures – Project Fisheries will work with CRITFC to determine an appropriate trapping regime to minimize potential for mortalities resulting from overcrowding in lamprey traps.



Sincerely,  
Bonneville Fisheries