

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 14BON34 MFR** – Pacific Lamprey at Bonneville’s Adult Fish Facility (AFF).

On 13 July 2014, University of Idaho researchers contacted Project Fisheries to report a Pacific Lamprey mortality that was being held overnight for a radio tag study. The fish was captured in the AFF traps the previous day in a sample size of 63. Project biologist took a temperature reading upon investigating the mortality. The temperature in the holding tank was 22°C (71.6°F). The fish was left for University of Idaho to remove PIT and radio tags before being saved for bio-analysis by USFWS in conjunction with the USGS and CRITFC.

Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Length – 60 cm.
- D. Weight – 492 g.
- E. Girth – 10.9 cm.
- F. Sex – Female.
- G. Marks and tags – Both a PIT and radio tag were present in this fish. PIT: 900.230000004677
- H. Marks and Injuries found on carcass – No visible marks or injuries.
- I. Cause and Time of Death – Found at approximately 2200 on 12 July 2014.
- J. Future and Preventative Measures – Unknown. It is thought that this fish may have been stressed due to warm water temperatures and handling.



Sincerely,  
Bonneville Fisheries