

MEMORANDUM FOR THE RECORD

SUBJECT: 13BON53 MFR – Pacific Lamprey and Sockeye Salmon mortalities at Bonneville’s Adult Fish Facility (AFF).

On 26 July 2013, Project Fisheries was alerted of two mortalities in the AFF. University of Idaho personnel reported a Pacific Lamprey mortality. This fish was sampled the previous day. It is thought that the fish died of handling stress. Later CRITFC researchers reported a Sockeye Salmon mortality. This fish also had been sampled, but on 26 July 2013.

Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Length – 58 cm.
- D. Marks and tags – PIT: 000.000183220669.
- E. Marks and Injuries found on carcass – No noticeable marks or injuries.
- F. Cause and Time of Death – Between 25 and 26 July 2013.
- G. Future and Preventative Measures – University of Idaho researchers will discontinue flume studies while water temperatures are in excess of 70F to prevent post handling stress.



- A. Species – Sockeye Salmon (*Oncorhynchus nerka*).
- B. Origin – Unknown (adipose present).
- C. Length – 39 cm.
- D. Marks and tags – PIT: 384.3B23ADC20B.
- E. Marks and Injuries found on carcass – No visible marks or injuries found.
- F. Cause and Time of Death – 26 July 2013.
- G. Future and Preventative Measures – Not applicable.



Sincerely,
Bonneville Fisheries