

MEMORANDUM FOR THE RECORD

SUBJECT: 13BON44 MFR – Sockeye Salmon, Chinook Salmon, & Pacific Lamprey mortalities at Bonneville's Adult Fish Facility (AFF).

On 16 July 2013, University of ID researchers contacted Project Fisheries to report that numerous mortalities had been observed in the AFF. One adult Sockeye Salmon, three adult Pacific Lamprey, and two Chinook Salmon smolts were found between the return pool baffle and the valve 15 trash rack. Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown
- C. Length – 59, 60, 66.5 cm.
- D. Marks and tags – Not tagged.
- E. Marks and Injuries found on carcass – No notable marks or injuries.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Project biologists are discussing preventative measures with district and regional fish entities to reduce the effect of Adult Fish Facility operations.



- A. Species – Chinook Salmon (*Oncorhynchus tshawytscha*).
- B. Origin – Hatchery.
- C. Length – 25 & 27 cm.
- D. Marks and tags – Adipose Clipped.
- E. Marks and Injuries found on carcass – Potential bird predation.
Large gouges along the trunk region of both fish.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Not applicable.



- A. Species – Sockeye Salmon (*Oncorhynchus nerka*).
- B. Origin – Adipose present.
- C. Length –37 cm.
- D. Marks and Tags – PIT tag present: 384.3B23ADC651.
- E. Marks and Injuries found on carcass – No noticeable marks or injuries.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Project biologists are discussing preventative measures with district and regional fish entities to reduce the effect of Adult Fish Facility operations.



Sincerely,
Bonneville Fisheries