

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 13BON40 MFR** – Sockeye Salmon, Chinook Salmon, & Pacific Lamprey mortalities at Bonneville's Adult Fish Facility (AFF).

On 12 July 2013, University of ID researchers contacted Project Fisheries to report that numerous mortalities had been observed in the AFF. Four adult Sockeye Salmon, two adult Pacific Lamprey, and four Chinook Salmon smolts were found between the return pool baffle and the valve 15 trash rack. Additionally, one Chinook Salmon smolt mortality was found in the AFF #2 lamprey trap as by-catch. Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown
- C. Length – 59 & 60.5 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 – Not applicable.



- A. Species – Chinook Salmon (*Oncorhynchus tshawytscha*).
- B. Origin – Hatchery (adipose clipped).
- C. Length –21, 21, 23, 24, cm.
- D. Marks and tags – No marks or tags present.
- E. Marks and Injuries found on carcass – No notable marks or injuries.
- 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, 38, 49, 49 cm.
- D. Marks and Tags – One Sockeye Salmon had a PIT tag present: 3DP.1C2E046837.
- E. Marks and Injuries found on carcass – No noticeable marks or injuries.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Not applicable.



Sincerely,  
Bonneville Fisheries