

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 15BON32 MFR** – Pacific Lamprey, Chinook, and Sockeye Salmon mortalities at Bonneville’s Adult Fish Facility (AFF).

On 01 July 2015, prior to sampling CRITFC researchers contacted Project Fisheries to report one Sockeye Salmon mortality had been raked off the valve 15 trash rack (Picture 1). Mid-sampling, CRITFC again notified Project Fisheries to report two Pacific Lamprey and one minijack Chinook Salmon from the trash rack (Picture 2). One of the lamprey went to the USFWS for analysis.

Information collected is provided below:

Picture 1:

- A. Species – Sockeye Salmon (*Oncorhynchus nerka*)
- B. Origin – Unknown. Sockeye was unclipped.
- C. Length – 39 cm.
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – No visible marks or injuries.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None.

Picture 2:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*) and Chinook Salmon (*Oncorhynchus tshawytscha*).
- B. Origin – Unknown. Chinook was clipped.
- C. Length – CHK: 25 cm, PL: 59 cm, 67 cm
- D. Marks and tags – No marks or tags were observed.
- E. Marks and Injuries found on carcass – No visible marks or injuries were observed.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None.

Picture 1:



Picture 2:



Sincerely,  
Bonneville Fisheries