

MEMORANDUM FOR THE RECORD

SUBJECT: 13BON46 MFR –Chinook & Sockeye Salmon mortalities at Bonneville’s Adult Fish Facility (AFF).

On 18 July 2013, CRITFC researchers contacted Project Fisheries to report that a Chinook Salmon smolt mortality had been observed in the sampling flume above the anesthetic tank.

Later on the 18th, CRITFC researchers reported seeing a Sockeye Salmon mortality floating in the brail pool. This fish had not been sampled and CRITFC researchers hypothesized this fish floated in from the fish ladder.

Information collected is provided below:

- A. Species – Chinook Salmon (*Oncorhynchus tshawytscha*).
- B. Origin – Hatchery.
- C. Length – 23 cm.
- D. Marks and tags – Adipose Clipped.
- E. Marks and Injuries found on carcass – No noticeable marks or injuries.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – No measures proposed at this time, however, increased water flow may help flush fish out of the sample flume.



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



Sincerely,
Bonneville Fisheries