

MEMORANDUM FOR THE RECORD

SUBJECT: 14BON16 MFR – Pacific Lamprey, Chinook, and Sockeye mortalities at Bonneville’s Adult Fish Facility (AFF).

On 23 June 2014, CRITFC researchers contacted Project Fisheries to report four mortalities. One Pacific Lamprey and two salmonids (one Sockeye one Chinook) were recovered from the valve 15 trash rack. A Chinook mini-jack was also recovered from the sample flume and was likely caught in the switchgate. All fish were kept for bio-analysis by USFWS in conjunction with the USGS and CRITFC.

Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*), Sockeye Salmon (*Oncorhynchus nerka*), and Chinook salmon (*Oncorhynchus tshawytscha*).
- B. Origin – Unknown. No fish were adipose clipped.
- C. Length – 61 cm (PL), 49 cm (SOC), 91.5 cm (CHK), 21.5 (CHK).
- D. Marks and tags – PL and CHK minijack had no tags.
CHK (91.5 cm): 3DD.00773B6D8F
SOC: 3DD.00773BCA16
- E. Marks and Injuries found on carcass – SOC had anal bleeding, looked fresh. Mini-jack also looked fresh. PL and adult CHK were not recent mortalities.
- F. Cause and Time of Death – Unknown. Minijack may have died on 22 May during sampling.
- G. Future and Preventative Measures – Unknown.



Sincerely,
Bonneville Fisheries