

MEMORANDUM FOR THE RECORD

SUBJECT: 16BON87 MFR – Chinook Salmon and Pacific Lamprey mortalities at Bonneville's Adult Fish Facility (AFF).

On 29 July, CRITFC researchers alerted Project Fisheries biologists that a Chinook salmon did not recover from the brail pool after being sampled. Researchers had recently changed the anesthetic water. Sequential sampled fish did not suffer the same fate. The fish appeared to be in good condition otherwise. Upon investigation by Project Fisheries (approximately 20 minutes later) the brail pool water temperature was 71.3°F. CRITFC also informed fisheries of a Pacific Lamprey found on valve 15 trash rack prior to sampling. Both fish were saved for future analysis by USFWS.

Information collected is provided below:

- A. Species – Chinook Salmon (*Oncorhynchus tshawytscha*).
 - B. Origin – Unknown, adipose present.
 - C. Length – 94 cm.
 - D. Marks and tags – PIT 3DD.00778A3D14.
 - E. Marks and Injuries found on carcass – No marks and/or visible injuries observed.
 - F. Cause and Time of Death – Approximately 1000 on 29 July.
 - G. Future and Preventative Measures – With warmer river temperatures, researchers will continue to take preventative measures and adhere to FPP appendix G.
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- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
 - B. Origin – Unknown.
 - C. Length – 77 cm.
 - D. Marks and tags – No marks and/or tags observed.
 - E. Marks and Injuries found on carcass – No marks and/or visible injuries observed.
 - F. Cause and Time of Death – Unknown.
 - G. Future and Preventative Measures – None.



Sincerely,
Bonneville Fisheries