

MEMORANDUM FOR THE RECORD**SUBJECT: 13BON12** Mortalities at Bonneville's Adult Fish Facility (AFF)

On 13 June at 1100 hours, University of Idaho and CRITFC researchers contacted Project Fisheries to report several mortalities discovered that morning while raking the valve 15 trashrack and opening up the lab. Two chinook (1 adult, 1 jack) and one lamprey were discovered while raking the valve 15 trashrack; and one chinook "mini-jack" was discovered stuck behind the rubber flap/lid leading into the anesthetic tank. All fish were released to the tailrace. Information collected is provided below:

1)

- A. Species – Chinook (*Oncorhynchus tshawytscha*).
- B. Origin – Adipose clipped.
- C. Length – 20.5 cm.
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – Minimal descaling.
- F. Cause and Time of Death – Likely due to the fish's small size, it was not able to move past the rubber flap/lid of the anesthetic tank and became trapped in the shallow flow upstream of the flap. This flap is easily moved by larger adults, and is not designed for fish of this size. Time of death unknown.
- G. Future and Preventative Measures – Not applicable at this time.

2)

- A. Species – Chinook (*Oncorhynchus tshawytscha*).
- B. Origin – Adipose clipped.
- C. Length – 48.5 cm.
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – Minimal descaling.
- F. Cause and Time of Death –Unknown.
- G. Future and Preventative Measures – Not applicable at this time.

3)

- A. Species – Chinook (*Oncorhynchus tshawytscha*).
- B. Origin – Adipose clipped.
- C. Length – 70.0 cm.
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – Minimal descaling.
- F. Cause and Time of Death –Unknown.

G. Future and Preventative Measures – Not applicable at this time.

4)

A. Species – Pacific lamprey (*Entosphenus tridentatus*).

B. Length – 64.0 cm.

C. Marks and tags – None.

D. Marks and Injuries found on carcass – No notable marks or injuries.

E. Cause and Time of Death – Unknown.

F. Future and Preventative Measures – Not applicable at this time.





Sincerely,
Bonneville Project Fisheries