

MEMORANDUM FOR THE RECORD

SUBJECT: 13BON75 MFR – Pacific Lamprey, Chinook Salmon, and Coho Salmon mortalities at Bonneville's Adult Fish Facility (AFF).

On 11 September 2013, CRITFC personnel alerted Project Fisheries that there was a Pacific Lamprey mortality on the valve 15 trash rack, which they recovered. Also, they alerted Project Fisheries of salmon mortalities on the trash rack. Ten Chinook Salmon and one Coho Salmon were recovered by a Project Biologist and frozen to be used in a future PIT-tag study. One salmon (species unknown) was left on the trash rack, as its positioning did not allow it to be recovered safely. No recovered fish were tagged. The Pacific Lamprey is pictured and listed separately. Due to the number of salmon, their length (C.) and mark (D.) information are combined.

Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Length – 74 cm.
- D. Marks and tags – None.
- E. Marks and Injuries found on carcass – None.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – None.



- A. Species – Chinook Salmon (*Oncorhynchus tshawytscha*), Coho Salmon (*Oncorhynchus kisutch*).
- B. Origin – Unknown.
- C. & D. Length and Mark and tags – No PIT tags detected
 - Coho: 70 cm – Unclipped
 - Chinook:

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|---------------------|-------------------|-------------------|-------------------|
| 78 cm – Unclipped | 63 cm – Unclipped | 82 cm – Clipped | 75 cm – Unclipped |
| 64.5 cm – Unclipped | 76 cm – Unclipped | 65 cm – Unclipped | 85 cm – Clipped |
| 62 cm – Unclipped | 87 cm – Unclipped | | |
- E. Marks and Injuries found on carcass – One Chinook had major descaling along its anterior sides; unknown whether this was pre- or post-mortem.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Unknown.



Sincerely,
Bonneville Fisheries