

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 13BON36 MFR - Pacific Lamprey mortality at Bonneville's Cascades Island Fish Ladder (CI).**

On 05 July 2013, Project Fisheries biologists recovered four Pacific Lamprey morts from the Cascades Island fish ladder proper. The location these morts were observed at is the same as all reported fish this season from Cascades Island (13BON21,23,24,&32). The location these fish were observed is not to be confused with the auxiliary water supply (AWS) channel where NOAA fisheries have previously trapped in years past. These fish were found above the CI fish counting station barrier screen, throughout the serpentine section. It is unknown how these fish are entering this stagnate water sections. These fish were released into the Spillway forebay. Information collected is provided below:

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Lengths – Unknown.
- D. Marks and tags – No noticeable marks or tags.
- E. Marks and Injuries found on carcass – No noticeable marks or injuries.
- F. Cause and Time of Death – Unknown.
- G. Future and Preventative Measures – Bonneville Project Fisheries will continue to monitor and investigate how fish are entering the CI ladder proper.



Sincerely,  
Bonneville Fisheries