

MEMORANDUM FOR THE RECORD**SUBJECT: 22BON016 MFR LFS Lamprey Mortalities**

On the afternoon of Tuesday 07 June, Project Biologists observed a “geyser” of water coming out around an upwards facing hatch on the lower section of the LFS. Project Biologists contacted Bonneville Control who then assisted in reducing add in flow to the system. As the geyser calmed down, three Lamprey mortalities were discovered, they appeared to have been squeezed out around the hatch. Add in flow was reduced from 60 to 20 to give any lamprey that might be inside the LFS a chance to reach the trap.

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*)
- B. Origin – Unknown
- C. Length – Unknown
- D. Marks and tags – Unknown
- E. Marks and Injuries found on carcass – Unknown
- F. Cause and Time of Death – Unknown cause, time: Between June 6th 1400 – June 7th 1200
- G. Future and Preventative Measures – LFS add in flow has been reduced to 20 percent to allow any lamprey present in the system to be able to reach the trap. Bon fisheries and project engineers will review drawings and try to troubleshoot. If no fix is found the LFS may have to be shut down completely for the season.



LFS 20%



LFS 60%

Sincerely,
Bonneville Project Fisheries