

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 17BON54 MFR - Pacific Lamprey mortality in Bonneville's DSM.**

On 24 July, project biologists found a Pacific Lamprey mortality on the grating in the DSM. The fish seems to have scaled the wall at the upstream end of the tunnel and wiggled its way over or past plastic fencing that had been placed to keep Lamprey out. Water from the end orifice sometimes boils up through the grating, attracting fish. Plywood had previously covered this area, but had rotted through, allowing water to again attract fish. In response, biologists covered the area with aluminum sheeting and cinder blocks. Attraction water will no longer come up through the grating and the wall with access is blocked by cinder blocks. The lamprey was returned to the river.

- A. Species – Pacific Lamprey
- B. Origin – Unknown
- C. Length – 55 cm
- D. Marks and tags – None
- E. Marks and Injuries found on carcass – The vertical mark on the middle of the fish is from its tail section hanging through the grating.
- F. Cause and Time of Death – Stranding.
- G. Future and Preventative Measures – Area closed off with aluminum sheeting and cinder blocks.



Figure 1.



Figure 2.

Sincerely,  
Project Fisheries