

MEMORANDUM FOR THE RECORD

SUBJECT: 13TDA09 MFR – Lamprey Mortality in The Dalles Dam East Fishway

On December 5, 2013, the east fishway channels and entrances were dewatered below tailwater for annual fishway maintenance. All areas were walked twice to remove fish and release to tailrace. On December 9, all areas were visually inspected from above. Two adult lamprey mortalities were found at the west entrance near between the entrance weirs and bulkheads. It was determined that they exited either the grating chamber or inaccessible area behind within the weir structure which could not feasibly be inspected for fish.

- A. Species – Pacific Lamprey
- B. Origin – unknown
- C. Length – approximate 18”
- D. Marks and tags - none.
- E. Marks and Injuries found on carcass – None
- F. Cause and Time of Death – dewatering/stranding
- G. Future and Preventative Measures – None. Lamprey are notorious for hiding in the smallest, inaccessible areas within the ladder. Multiple efforts are made to capture all lamprey possible. Efforts are made the following days and live stranded lamprey are often recovered. However, under freezing conditions, they are seldom recovered alive after the first day if exposed to the air.