

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 14JDA04 MFR – Juvenile Lamprey morts in MU 10 wicket gate area**

On 30 March the MU 10 scroll case was dewatered. Juvenile lamprey were found around the wicket gates and not reachable at the time. A report was not made. On 2 April the Project dewatered the draft tube. JDA Maintenance installed walkways at the wicket gates deck level.

On 8 April JDA Maintenance reported dead and live juvenile lamprey in the wicket gate areas. JDA Fisheries salvaged all lamprey. 35 lamprey were alive. Nine morts were collected and frozen for CRITFC's genetic study. Many were left due to the difficult access/reach. Best estimate is about 100 total morts. According to JD Maintenance, this is the first time they have found high numbers of juvenile lamprey in the scroll case and around the wicket gates.

- A. Species – estimated 35 live and 100 juvenile lamprey (macrophthalmia) morts.
- B. Origin – NA
- C. Length – NA
- D. Marks and tags – NA
- E. Marks and Injuries found on carcass – NA
- F. Cause and Time of Death – Lamprey entered scroll case and were trapped in the wicket gates area, when unit was dewatered on 30 March.
- G. Future and Preventative Measures – SE Entrance Diffuser's Drain Valve will be repaired to allow complete closure.



Sincerely,  
JDA Fisheries