

MEMORANDUM FOR THE RECORD**SUBJECT: 18BON25 - Pacific lamprey mortality in Bradford Island AWS LPS**

On the morning of 26 June, a Fisheries Field Unit biologist cleared an adult lamprey mortality from the Bradford Island AWS LPS rest box 1. The mortalities were scanned for PIT tags, photographed, measured, and due to decomposition were returned to the river.

- A. Species – Pacific lamprey (*Entosphenus tridentatus*)
- B. Origin – assumed wild
- C. Length – TL 57.0, inter-dorsal distance 3.5 (BI-AWS)
- D. Marks and tags – None
- E. Marks and Injuries found on carcass – None
- F. Cause and Time of Death – Unknown
- G. Future and Preventative Measures – A certain proportion of adult lamprey die due to the rigors of migration and collect in LPSs such as rest boxes. We will continue regular inspection of LPSs, report on mortalities, and remove them so there alarm cue does not prevent other lamprey from using the LPS.



Figure 1. Lamprey mortality removed from rest box 1 of the Bradford Island AWS LPS.

Sincerely,
Project Fisheries