

MEMORANDUM FOR THE RECORD

SUBJECT: 18BON12 MFR – Washington Shore AWS LPS PL Mortality.

On the morning of 24 May, Project Biologists were assisting the structural crew with cleaning the pumps for the Washington Shore AWS LPS. Prior to shutting off pumps, rest boxes and traversing sections were inspected to insure no fish were stranded during the cleaning operation. Upon investigation of the final upwelling box immediately downstream of the exit chute and newly installed plunge box, multiple lamprey (4) were observed outside a fyke installed to assist in video validation of the mechanical counters.

It is unknown precisely how the fish were able to gain access outside the fyke but in doing so were not able to retreat or move to the final exit chute. Four fish were observed in this location, one of them being a mortality. After examination, the fish was saved for further research by the USFWS - Lower Columbia River Fish Health Center.

- A. Species – Pacific Lamprey (*Entosphenus tridentatus*).
- B. Origin – Unknown.
- C. Length – 64 cm.
- D. Marks and tags – No marks and/or tags were observed.
- E. Marks and Injuries found on carcass – Large degree of hemorrhaging was observed throughout the animal.
- F. Cause and Time of Death – Unknown, likely between 23-24 May.
- G. Future and Preventative Measures – The plastic fyke that is thought to have led to escapement has been removed until a permanent solution (metal fyke) can be fabricated and installed. Project Fisheries along with the Fisheries Field Unit will continue to monitor and take preventative measures to ensure fish safety and health.

Sincerely,
Project Fisheries



