

MEMORANDUM FOR THE RECORD

SUBJECT: 20JDA19 MFR – North Fish Ladder Pumps

At 0440 on 31 August, three fish pumps on the North fish ladder shut down due to a low grease alarm. Mechanics went over to assess the problem at 0700 and found air in the system that had to be bled off in order for the greasing system to operate appropriately and add additional grease to the system. By 0945, two additional pumps were re-started, and the entrance differential was raised to 1.5' from 0.6'.

Currently there are 5 pumps available on the North fish ladder. Pump 4 is still out of service with a bad lower bearing which will be addressed during the Winter maintenance season.

- A. Species –
- B. Origin –
- C. Length –
- D. Marks and tags –
- E. Marks and Injuries found on carcass –
- F. Cause and Time of Death –
- G. Future and Preventative Measures – Maintenance staff has suggested making changes to the greasing system which would allow less frequent additions of grease by personal which would eliminate any potential of air entrainment into the system. This change will be investigated and potentially implemented during the Winter maintenance period.

Sincerely,
JD Project Fisheries