

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 24JDA03 MFR South Fish Ladder AWS Pump#3 Temporarily Out of Service**

On 12 March 2024 at approximately 1300, testing was being performed and south fish ladder (SFL) auxiliary water supply (AWS) pump #3 was tripped. Crew members attempted but were unable to restart the pump. SFL AWS pump #2 was immediately started. Fisheries performed an inspection at 1430 the same day and differentials/weir depths for the SFL were within criteria.

Electrical crews troubleshot the system and identified a faulty oil pressure switch. The switch was replaced, and the pump was returned to service on 14 March 2024 @ approximately 1030. AWS pump #2 was then shutdown to be used as a spare (see 24JDA01). SFL differentials and weir depths were rechecked after AWS pump #2 was shutdown and they were still within criteria.

- A. Species – NA
- 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 – NA
- G. Future and Preventative Measures- Fisheries crews will continue to monitor the SFL. Additionally, engineers have been monitoring pump temperature and vibration readings for the running pumps.

Sincerely,

Project Fisheries