

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 19TDA09 Temporary outage of PUD turbine resulting in sluiceway operation.**

On Tuesday, April 23<sup>rd</sup>, from 1343 to 1426 (43 min.) the PUD turbine was taken off line. The outage was necessary to finish the installation of a new digital exciter. Failure to do so could void the warranty should a problem occur. The outage occurred during the weekly 24 hour fish collection used to monitor dewatering structure performance based on the condition of the fish caught. The PUD biologist was on hand for the outage and used the time to process the fish collected to that point.

Diverting fish through the sluice way is a less desirable passage route but no information on survival is available so it is impossible to quantify impact to passing fish. It was known that there are a lot of fish moving downriver right now so the biologist encouraged the operator to keep the outage as short as possible.

The PUD was able to maintain fish ladder entrance criteria with minimal fluctuation as the switch occurred (from turbine to sluiceway and back).

- A. Species – *subyearling Chinook fry, yearling Chinook, steelhead, coho and sockeye.*
- B. Origin – Mostly hatchery
- C. Length – 35mm to 200mm
- D. Marks and tags – NA
- E. Marks and Injuries found on carcass – no carcasses
- F. Cause and Time of Death – no known deaths
- G. Future and Preventative Measures – Heightened awareness of outages during passage season and avoidance if at all possible as well as better pre outage coordination.

Sincerely,  
Project Fisheries

Comments:

CRITFC

-----Original Message-----

From: Tom Lorz [mailto:lorz@critfc.org]

Sent: Monday, April 29, 2019 12:58 PM

To: Kovalchuk, Erin H CIV USARMY CENWP (US)

<Erin.H.Kovalchuk@usace.army.mil>

Subject: [Non-DoD Source] RE: FPOM: Official Coordination 19TDA09 MFR PUD turbine outage

In the future we should really coordinate this first, while this looks like they did it to have the minimal impact it would be could to have these coordinated prior to the work not after. Could this not have been done earlier in the season?

### Response

-----Original Message-----

From: Rick Martinson [mailto:rickdm@gorge.net]

Sent: Monday, April 29, 2019 2:24 PM

To: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>; 'Tom Lorz' <lorz@critfc.org>

Subject: [Non-DoD Source] RE: FPOM: Official Coordination 19TDA09 MFR PUD turbine outage

The chief operator told me he had not been able to assemble the needed people and resources until last week. I did not inquire further but I did emphasize the need to avoid any outages during the peak out migration times. As for notifying FPOM before rather than after, that is on me. I believe he did tell Bob about it the week before as he did me so I should have notified FPOM the week before. After the outage we (the chief operator and I) did discuss the need to coordinate prior to outages and he committed to working with me to do so. This operator is new to the basin and been on the job as chief for just a couple of weeks.

Rick Martinson  
Pacific States Marine Fisheries Commission  
Supervisory Fisheries Biologist  
Smolt Monitoring, John Day and Bonneville Dams  
2325 River Road, #4  
The Dalles, Oregon 97058  
541-296-8989  
Cell 541-980-7727