

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 18TDA03 MFR AWS Shutdown due to 7' Valve Room Flooding**

The Dalles fish units have been unavailable due to extensive fish unit breaker contract delays. The AWS backup system also experienced problems with loose valve actuator bolts, resulting in delay of operation until March 22, when it was resolved and put into operation to provide attraction water to the east fishway entrance. A routine inspection by operations on March 31 found the 7' valve room completely flooded. At approximately 0800 the backup AWS was closed via the 10' valve. The east fishway was adjusted per Fish Passage Plan guidance. The following shows east fishway passage through March 26. Video count review continues for the last 5 days of March. Blue indicates days of 15k cfs attraction flow for north fishladder.

**THE DALLES - EAST LADDER**

DATE	Chinook Adult	Chinook Jack	Clip Steelhead	Un-clip Steelhead	Coho Adult	Coho Jack	Lamprey
3/1/2019	0	0	0	0	0	0	0
3/2/2019	0	0	0	0	0	0	0
3/3/2019	0	0	0	1	0	0	0
3/4/2019	0	0	0	0	0	0	0
3/5/2019	0	0	0	1	0	0	0
3/6/2019	0	0	0	0	0	0	0
3/7/2019	0	0	0	0	0	0	0
3/8/2019	0	0	0	3	0	0	0
3/9/2019	0	0	1	0	0	0	0
3/10/2019	0	0	0	0	0	0	0
3/11/2019	0	0	0	0	0	0	0
3/12/2019	0	0	1	1	0	0	0
3/13/2019	0	0	0	0	0	0	0
3/14/2019	0	2	3	3	0	0	0
3/15/2019	0	1	1	1	0	0	0
3/16/2019	0	0	0	0	0	0	0
3/17/2019	1	0	3	6	0	0	0
3/18/2019	0	0	8	4	0	0	0
3/19/2019	0	0	2	5	0	0	0
3/20/2019	0	0	6	3	0	0	0
3/21/2019	0	0	2	9	0	0	0
3/22/2019	0	0	11	19	0	0	0
3/23/2019	1	0	11	10	0	0	0

AWS open  
AWS open

3/24/2019	0	0	11	15	0	0	0	AWS open
3/25/2019	1	1	19	15	0	0	0	AWS open
3/26/2019	1	0	19	12	0	0	0	AWS open
3/27/2019	0	0	11	15	0	0	0	AWS op
3/28/2019	0	0	11	11	0	0	0	AWS op
3/29/2019								
3/30/2019								
3/31/2019								

Daily  
totals                      4                      4                      120                      134                      0                      0                      0

## THE DALLES - NORTH LADDER

DATE	Chinook Adult	Chinook Jack	Clip Steelhead	Un-clip Steelhead	Coho Adult	Coho Jack	Lamprey
3/1/2019	0	0	0	0	0	0	0
3/2/2019	0	0	0	0	0	0	0
3/3/2019	0	0	0	0	0	0	0
3/4/2019	0	0	0	0	0	0	0
3/5/2019	0	0	0	0	0	0	0
3/6/2019	0	0	0	0	0	0	0
3/7/2019	0	0	0	0	0	0	0
3/8/2019	0	0	0	0	0	0	0
3/9/2019	0	0	0	0	0	0	0
3/10/2019	0	0	0	0	0	0	0
3/11/2019	0	0	0	0	0	0	0
3/12/2019	0	0	0	0	0	0	0
3/13/2019	0	0	0	0	0	0	0
3/14/2019	0	0	-1	2	0	0	0
3/15/2019	0	0	0	1	0	0	0
3/16/2019	0	0	1	3	0	0	0
3/17/2019	0	0	5	2	0	0	0
3/18/2019	0	0	0	5	0	0	0
3/19/2019	0	0	1	2	0	0	0
3/20/2019	0	0	0	0	0	0	0
3/21/2019	0	0	2	9	0	0	0
3/22/2019	0	0	1	4	0	0	0
3/23/2019	0	0	1	2	0	0	0

3/24/2019	0	0	1	1	0	0	0	
3/25/2019	0	0	3	6	0	0	0	
3/26/2019	1	0	6	4	0	0	0	PM spill 19K
3/27/2019								
3/28/2019								
3/29/2019								
3/30/2019								
3/31/2019								

Daily totals                    1                    0                    20                    41                    0                    0                    0

- A. Species – Steelhead and Chinook
- 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 – Continue diligent efforts correcting deficiencies for both AWS backup system and fish unit breakers to get both systems operational as soon as possible.

**Update** – On 02 April 2019, the AWS returned to service after the project crews were able to hand crank the valves back open.

**Update** – On 08 April 2019, the fish units returned to service at 1300.

Sincerely,  
 Bob Cordie  
 Project Fisheries

Comments:

-----Original Message-----  
 From: Tom Lorz [mailto:lorz@critfc.org]  
 Sent: Wednesday, April 03, 2019 1:09 PM  
 To: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>  
 Cc: Trevor Conder - NOAA Federal <trevor.conder@noaa.gov>  
 Subject: [Non-DoD Source] RE: FPOM: Official Coordination 19TDA03 MFR AWS shutdown due to 7' valve room flooding

Thanks for the update, can we investigate if there is anyway to speed up the Fish Breaker work using options if they still exist similar to what the project suggested at FPOM. It might be too late to try but I have little faith that the breaker work will be completed by the 10th and looking to get any reductions in time possible. The spring chinook will not wait for us.....

Thanks

Tom Lorz