

MEMORANDUM FOR THE RECORD

SUBJECT: 20JDA09 John Day Spill bay #11 OOS

During the spill change at 0700, spill gate #11 went closed and will not operate remotely or manually. According to the FPP, SB#11 is opened at 2 stops for today's spill discharge and those two stops are now being distributed in different bays. A visual inspection of the egress conditions (photo) doesn't reveal any real concerns with water moving downstream of the spillway. The edge of the jets in spill bay 10 and 12 do show some slowing because of the lack of spill from bay 11 but overall the jets from 10 and 12 are moving downstream. The estimated return to service is yet to be determined and once SB#10 is RTS JD Fisheries will provide an update.

UPDATE: Spill gate 11 returned to service on 7/14 at 1330.

- 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 – NA

Photo below.

Sincerely,
JD Project Fisheries



Photo taken from spill bay #11 looking downstream

Comments

CRITFC

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

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

Sent: Thursday, July 09, 2020 8:56 PM

To: Kovalchuk, Erin H CIV USARMY CENWP (USA) <Erin.H.Kovalchuk@usace.army.mil>

Subject: [Non-DoD Source] Re: FPOM: Official Coordination 20JDA09 MFR Spill bay 11 OOS

Again I will ask, did anyone coordinate with hydraulics to see if they had any suggestions if this is going to continue on for an extended time. While bays 10 and 12 look ok, you now have a partial hole in the pattern at 11, which is not desired, there might not be anything we can do about this unless the spillbay can be dogged off at 2 stops or 1.5 since that is where it will be for most the rest of the season?

Keep us in the loop if this is going to last more than say middle of next week we need to consider options such as dogging off bay 11 at an appropriate level depending on river flows if possible.

Thanks

Tom Lorz
CRITFC

Response

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

From: Fielding, Scott D CIV USARMY CENWP (USA)
Sent: Monday, July 13, 2020 9:30 AM
To: Tom Lorz (lort@critfc.org) <lort@critfc.org>
Subject: Spill gates and spill patterns during a forced outage

Tom

Erin informed me that you had a couple questions about the spill gate 11 outage at John Day. I have been emailing Askelson today and also shared the picture with him that was included in the MFR. He agreed that the pattern didn't look horrible considering we didn't have spill gate 11. I have also asked him to work with us (JD Fisheries) to look at what the best solutions may be during a spill gate outage. An example would be, spill gate 10 goes out of service on June 30th and we have 109 kcfs of spill. According to the FPP, spill gate 10 would be opened 3 stops (1.6 kcfs). We would then take those stops and distribute them either north or south of spill bay 10. The distribution could be in half stops (0.5) of full stops and this would provide 109 total kcfs of spill as listed in the FPP.

We are planning on working with Marie Phillips and Sean Askelson to refine some of the language we have in the FPP that will help all of us during spill gate outages (usually forced outages) and that will help regional managers understand what need to happen here at John Day during an outage.

The question about dogging off spill gate 11 at a given stop, that is a no since the gate can't be operated manually or remotely. JD maintenance will be taking a closer look at the issue today or tomorrow and we will provide an update of the issue and an estimated RTS.

We look forward to working with you on changing the language in the FPP and helping all regional managers understand how spill patterns and forced outages impact spill here at John Day.

Scott

Scott Fielding
Fisheries Chief
John Day/Willow Creek Project
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