

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 23JDA33 Chinook Morts in Gatewell 1C**

On Wednesday 16 August 2023, at approximately 0800, JDA fisheries personnel found 10 Chinook subyearling morts in gatewell 1C. They were removed from the gatewell, scanned for PIT tags (no tags), and returned to the river. The morts looked fresh and there were no obvious injuries. Personnel will continue to perform daily gatewell inspections to ensure no other mortalities appear.



- A. Species – Chinook subyearling
- B. Origin – Unclipped
- C. Length – Subyearling ~12cm
- D. Marks and tags – None
- E. Marks and Injuries found on carcass – None
- F. Cause and Time of Death – Unknown
- G. Future and Preventative Measures – Continue performing daily gatewell inspections.

Sincerely,  
JDA Project Fisheries

Comments from others –

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

From: Grosvenor, Eric G CIV USARMY (USA) <Eric.Grosvenor@usace.army.mil>

Sent: Monday, August 21, 2023 4:13 PM

To: Mackey, Tammy M CIV USARMY CENWP (USA) <Tammy.M.Mackey@usace.army.mil>

Subject: RE: [URL Verdict: Neutral][Non-DoD Source] Re: FPOM: Official Coordination - 23JDA33 MFR gatewell morts

Hi Tammy,

We've had 2 instances with MU12 and a broken orifice shaft causing us to force the unit out and do repairs. We're planning on having the unit dewatered this winter during the JBS outage to investigate further and make anymore necessary repairs.

I just found out that MU 1 gatewell c has been in local mode and not auto cycling as it should be. Apparently a operator switched it to local mode and didn't tell us about it and put in a trouble report for a air leak. We just manually cycled it a bunch of times and if we see any additional morts we'll have to force it out and drop in bulkheads as it might be clogged.

I asked JDE to fix the air leak asap and return it to auto mode so it will cycle automatically as it should.

One of the joys of having a enclosed conduit with one orifice as a egress route. Our camera train is still broken so it's difficult to verify anything leaving the only option of using bulkheads.

Greg sampled today for 6 hours at 100% and only got 15 smolts through the JBS.

We can provide an update to the previous MFR on the FPP violation.

-Eric

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

From: Trevor Conder - NOAA Federal <[trevor.conder@noaa.gov](mailto:trevor.conder@noaa.gov)>

Sent: Monday, August 21, 2023 9:50 AM

To: Mackey, Tammy M CIV USARMY CENWP (USA) <[Tammy.M.Mackey@usace.army.mil](mailto:Tammy.M.Mackey@usace.army.mil)>

Cc: Blane Bellerud - NOAA Federal <[blane.bellerud@noaa.gov](mailto:blane.bellerud@noaa.gov)>

Subject: [URL Verdict: Neutral][Non-DoD Source] Re: FPOM: Official Coordination - 23JDA33 MFR gatewell morts

Tammy,

If my memory serves, there seems to be an increase in the number of MOC's for JDA gatewell mortality this year. Does the Corps have an explanation for why JDA is reporting a higher number of mortalities relative to past years?

-Trevor