

**From:** Peery, Christopher A CIV USARMY CENWW (USA)  
**Sent:** Tuesday, April 23, 2024 4:12 PM  
**To:**  
**Subject:** RE: 24MCN04 MOC Bay 22 Wall Dogs

All,

Spill bay 22 was closed at 7:45 and reopened 1530.

Chris

## **OFFICIAL COORDINATION REQUEST FOR NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE-** 24 MCN 04 MOC Closure of Bay 22 for Removal of Downstream Wall Dogs.

**COORDINATION DATE-** 15 April 2024

**PROJECT-** McNary Lock and Dam

**RESPONSE DATE-** 22 April 2024

**Description of the problem –** Repair of spillgate dogging devices is critical to future rehabilitation of the spillway system. Funds are currently available to remove, rehabilitate and reinstall the wall dogs. Each bay has two sets of wall dogs, upstream and downstream, 44 sets total to be rehabilitated. Currently, nine sets have been completed. To stay on schedule to complete the rehab of all dogs using funding available, project staff would like to remove the set of downstream dogs from bay 22 on April 23 to 24.

**Type of outage required-** Bay 22 would be closed during work hours, 0630 to 1700 hours. The bay will be open overnight and reopened as soon as the work is completed. Flow that would have go through bay 22 with be evenly distributed through the other bays that can currently function in automatic mode, those bays with split leaf.

**Impact on facility operation–** Bay 22 will be closed during working hours on April 23 and 24.

**Dates of impacts/repairs-** Bay 22 will be closed during working hours on April 23 and 24.

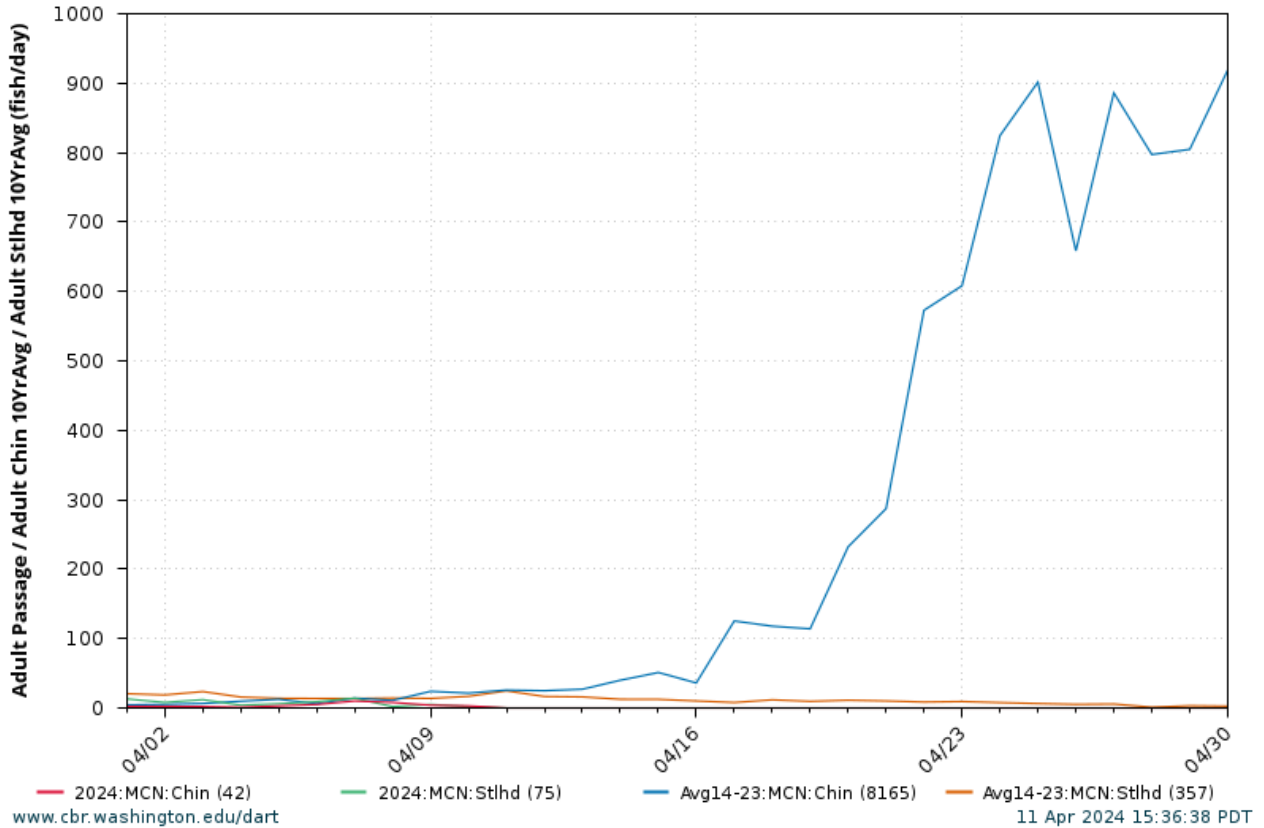
**Length of time for repairs-** Work would occur from 0630 to 1700 hours each day. If the work is completed sooner, the bay will be opened when the work is done.

### **Analysis of potential impacts to fish**

1. The figure below displays 10-year average passage for adult steelhead and Chinook salmon during the proposed period of impact. The proposed work could have a slight impact on juvenile fish passage due to closing of the one spillbay but the other bays will be available during the day.
2. This work is scheduled to occur during adult and juvenile fish passage season.

## Adult Passage Counts

### Adult Passage, Adult Chinook 10YrAvg, Adult Steelhead 10YrAvg



3. The proposed period of work would occur during 3.3% of the ten-year average annual steelhead run and 2.1% of the 10-year average annual Chinook run. There will be no effect on upstream fish passage as units 13 and 14 provide attraction flow to the Oregon ladder north powerhouse entrance.
4. Adult steelhead should not be delayed if trying to fall back as the TSW's in bays 19 and 20 will be open.
5. Juvenile fish passage during this time period is roughly 10% of yearling Chinook salmon, roughly 5% of coho salmon, between 10% and 25% of steelhead, and less than 5% of sockeye salmon. Multiple bays will be open for passage.

#### Summary statement - expected impacts on:

The proposed outages could slightly delay downstream passage of any juvenile salmonids in the work area as the work is occurring during fish passage season. The proposed work is expected to have no effect on upstream adult fish passage. There could be a minimal effect on adult steelhead trying to move downstream past the project during this time.

#### Comments from agencies

**From:** Jay Hesse <jayh@nezperce.org>  
**Sent:** Monday, April 15, 2024 3:25 PM  
**To:** Peery, Christopher A CIV USARMY CENWW (USA)

**Subject:** [Non-DoD Source] RE: 24MC04 MOC Bay 22 Wall Dogs

Chris – Given the currently highly altered (degraded) configuration of the McNary spillway, I request that this work be rescheduled until the summer spill conditions. Ideally the work would be done when specific spill bays would be out of service.

Jay

**Sent:** Monday, April 15, 2024 3:37 PM  
**To:** Jay Hesse <jayh@nezperce.org>  
**Subject:** RE: 24MCN04 MOC Bay 22 Wall Dogs

Jay,

I have asked the project if there is a reason bay 22 needs to be addressed right now or can the work be delayed. I will forward that information when available.

I know the emergency funds provided to rehab the dogs is time limited and this work was delayed because of the efforts to move hoists to the upstream slots and prepare for the balloon tag study.

Chris

**From:** Tom Lorz <lorz@critfc.org>  
**Sent:** Monday, April 15, 2024 3:26 PM  
**To:** Peery, Christopher A CIV USARMY CENWW (USA) <Christopher.A.Peery@usace.army.mil>  
**Subject:** [Non-DoD Source] Re: 24MCN04 MOC Bay 22 Wall Dogs

We already have a poor spill pattern as is and bay 22 is one of the two bays we use to train the TSWs flow. I am reluctant to allow this work especially as numbers of juveniles usually start picking up at this time. What is the impact if this work is delayed until August 1 or June 15. Are there still dogs on the unused spillbays that can be repaired. Are the dogs bay specific or can the dogs that have been refurbished be used in Bay 22 while those dogs are rehabed. A limited outage is one thing but 2 days is getting beyond my comfort level and is only made worse by the impacted spill pattern we have.

**From:** Morrill, Charles (DFW) <Charles.Morrill@dfw.wa.gov>  
**Sent:** Monday, April 15, 2024 4:05 PM  
**To:** Peery, Christopher A CIV USARMY CENWW (USA)  
**Subject:** [Non-DoD Source] RE: 24MCN04 MOC Bay 22 Wall Dogs

Thanks for you reply to Jay, Chris. I do acknowledge the challenges. That said, I strongly support Jay's request as being best for fish and will keep my fingers crossed that there is a way to delay work on bay 22.

Charlie

**From:** Peery, Christopher A CIV USARMY CENWW (USA)  
**Sent:** Monday, April 15, 2024 4:19 PM  
**To:** Morrill, Charles (DFW) <Charles.Morrill@dfw.wa.gov>  
**Subject:** RE: 24MCN04 MOC Bay 22 Wall Dogs

Thank you Charlie

**From:** Peery, Christopher A CIV USARMY CENWW (USA)

**Sent:** Monday, April 22, 2024 11:39 AM

**To:**

**Subject:** RE: 24MCN04 MOC Bay 22 Wall Dogs

All,

We received several comments regarding this repair work for the gate dogs at McNary. Because of the high priority placed on making repairs and updates for McNary spillway, we are proceeding with this outage tomorrow. We understand there is concern for potential impacts to fish passage. There are also concerns we are behind in getting this work completed in the time and funding available because of the efforts needed by the Project to get gates and hoists in position and assist with the passage evaluations before start of spill. The Project believe this work will take less than one day to complete but scheduled for two days to cover contingencies.

Attached is the MOC with comments added. Also attached is the update Modified Spill Operations MFR and FPP change for with spill patterns.

Reminder that the time for the next McNary Spillway Task Group update has been changed to 3pm, this Wednesday, April 25.

Chris

**Sent:** Monday, April 22, 2024 12:03 PM

**To:** Peery, Christopher A CIV USARMY CENWW (USA)

**Subject:** [Non-DoD Source] Re: 24MCN04 MOC Bay 22 Wall Dogs

Thanks for the update.

As a follow up, several suggestions had been made to look at alternatives to the proposed work. Did you receive information as to why those alternatives were not considered? Bay 22 is an important bay since it helps train the TSW. We would hope that additional hazing would be in place to deal with any avian predation that would take advantage of this since more flow from the TSW will be spread into the eddy. While I understand the desire to stay on schedule and budget, the degraded spill pattern will already be an impact on ESA species and any further degradation and impacts needs to be minimized unless absolutely necessary. I am not sure how this work is mission critical to getting replacement hoists since you already have 9 sets done and at best, we will be replacing 1 hoist in 2025 and hopefully 2 maybe 3 a year after that. While budgets are important so is the COE's commitment to provide the operations outlined in the PA, BiOp and now the USG commitments documents.

Tom Lorz

**CRITFC**

**From:** Jay Hesse <jayh@nezperce.org>

**Sent:** Monday, April 22, 2024 3:31 PM

**To:** Peery, Christopher A CIV USARMY CENWW (USA) <Christopher.A.Peery@usace.army.mil>

**Cc:** Tom Lorz (lort@critfc.org) <lort@critfc.org>

**Subject:** [Non-DoD Source] RE: 24MCN04 MOC Bay 22 Wall Dogs

Chris – I share the concerns Tom raised about moving forward with this action during a high juvenile passage period and under conditions that have already been degraded due to out of service infrastructure. Your email indicates that this work in going forward and should be completed within a single day. Please inform us if the work effort takes longer. It is imperative that type of repair not be scheduled or done during high juvenile passage periods in future years.

Jay

**From:** Peery, Christopher A CIV USARMY CENWW (USA)  
**Sent:** Monday, April 22, 2024 3:55 PM  
**To:** 'Jay Hesse' <jayh@nezperce.org>  
**Cc:** Tom Lorz (lort@critfc.org) <lort@critfc.org>  
**Subject:** RE: 24MCN04 MOC Bay 22 Wall Dogs

Jay,

I will keep you updated on the status of the work and I have shared your concerns with our Operations leadership.

Chris

**From:** Peery, Christopher A CIV USARMY CENWW (USA)  
**Sent:** Tuesday, April 23, 2024 4:12 PM  
**To:**  
**Subject:** RE: 24MCN04 MOC Bay 22 Wall Dogs

All,

Spill bay 22 was closed at 7:45 and reopened 1530.

Chris

### **Final coordination results**

Please email or call with questions or concerns.

Thank you,

Bobby Johnson  
McNary Project Biologist  
541-922-2212