

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

COORDINATION TITLE- 20BON10 MOC Bradford Island Fishway Exit

Dredging and Survey

COORDINATION DATE- March 17, 2020

PROJECT- BON

RESPONSE DATE- March 24, 2020

Description of the problem

Dredging in front of the Bradford Island fishway exit was intended to occur during the regularly scheduled in water work period. Due to contracting delays, that work was postponed and is now scheduled for 25-26 March. Sediment flowing into the Bradford Island ladder during this work is a concern for the project. To address this, instead of dewatering, the project would like pinch down the exit bulkhead, which would over the course of several hours take the ladder to orifice flow. Fish Valves 3-7 and 3-9 would be closed. This way, sediment in the water from the dredge work is much more likely to flow downstream through PH1, and will largely stay out of the fish ladder. The work will start at approximately 0530 on Wednesday, March 25, 2020. The work is expected to be done within working hours that day, after which ladder conditions would be restored. The second day is requested as contingency and surveying time.

Type of outage required

Impact on facility operation (FPP deviations) - Closing of the BI fishway exit, FV 3-7, 3-9

Impact on unit priority - None

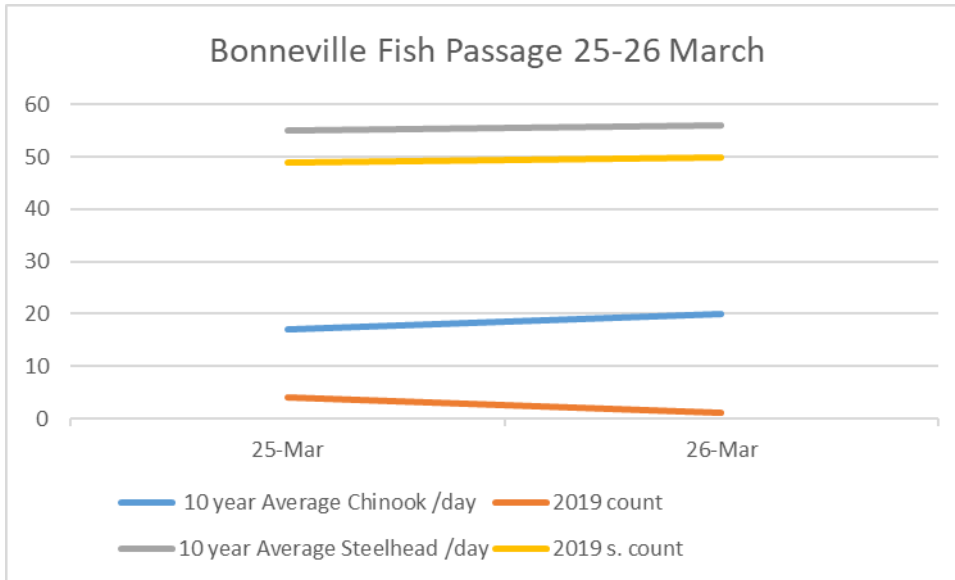
Impact on forebay/tailwater operation - None

Impact on spill - None

Dates of impacts/repairs - March 25, possibly into 26

Length of time for repairs - 1-2 work days

Analysis of potential impacts to fish



1. This year's run of Chinook is expected to be below average, this year's Steelhead run is expected to be average.
2. Downstream migrating juveniles will not be significantly impacted by this work. Only fish moving upstream through the Bradford Island will be affected.
3. Adults that are in the BI ladder when it goes to orifice flow will either flow or move down the ladder until flows resume. They will be delayed, and if they move all the way out into tailwater then they could be exposed to increased sea lion predation.

Summary statement - expected impacts on:

Downstream migrants - Downstream migrating juveniles will not be significantly impacted by this work.

Upstream migrants (including Bull Trout) - Any fish passing upstream through the BI ladder when it goes to orifice will be at least slowed down as they hold in place. They will not be able to exit during the work on the 25th, and will have to wait until the ladder returns to normal service at the end of the day. There are very few sea lions (>10) currently in the tailrace.

Lamprey – Lamprey are not expected to be significantly impacted by this work.

Comments from agencies – No comments were received.

Final coordination results – This action will move forward as planned.

After Action update – From the 200409 FPOM minutes:

4.2.1.3. The dredge was accomplished and a post dredge survey.

Please email or call with questions or concerns.

Thank you,

Erin

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