

MEMORANDUM FOR THE RECORD**SUBJECT: 17BON02 MFR – Erosion Repair Extension Update****Description of the problem**

UPDATE: The contractor needs an additional day for cleanup and demobilization. This will push the last day of work until 3 March. Due to spill, the contractor has not been able to work the 24 hours schedule that was planned.

The contractor for the Bonneville erosion repair project will be given additional days to finish their work; this will push the last day for work till 3 March.

The contractor lost 35 hours of work time due to spill and needs additional days to finish the contract. Although the contractor had maintained their schedule throughout the weather related problems, the contractor was forced to move out of the tailrace during the spill this week. The contractor has switched to a 24 hour schedule. This repair work is critical for Bonneville Dam to maintain spill criteria as outlined in the Fish Passage Plan.

Type of outage required - B-Branch will deviate from Fish Passage Plan (FPP) criteria.

Impact on facility operation (FPP deviations) There will be no attraction flow from spill bay 18, nor will there be AWS flow from the entrance of the B-Branch ladder. Cascade Island will be running and in criteria.

Impact on unit priority- None.

Impact on forebay/tailwater operation – Forebay and tailwater are being monitored.

Impact on spill – The spillway will be on seal, except for Bay 1, which provides attraction flow for Cascades Island.

Dates of impacts/repairs: 1 – 3 March 2017

Length of time for repairs: This is an extension to the previously coordinated work. (16BON107)

Analysis of potential impacts to fish

Downstream migrants – No impacts are expected for downstream migrants.

Upstream migrants (including Bull Trout) - There will be no attraction flow from Bay 18 for B-Branch ladder. Attraction flow from A-branch (Oregon side) and from Bay 1 for the Cascades Island ladder will remain in FPP criteria. The Washington Shore ladder will be back in service as well. Fish numbers are expected to be minimal during this time of year. The ten year average for total passage for Bonneville Dam on March 1& 2 for Chinook is 2 and Steelhead is 58.

Lamprey- Minimal impact to lamprey is expected since all fishways will remain watered up and LPSs should not be impacted by the spillway outage.

Comments from agencies

Please email or call with questions or concerns.
Thank you,
Erin

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