

MEMORANDUM FOR THE RECORD

SUBJECT: 14BON80 November debris issues.

As reported to FPOM on 13 November –

*BON debris issues. Everything looked fine on 11 November. Hausmann explained that debris showed up on 12 November. Fish units have 15' drawdowns, VBSs were clogged enough that units were at reduced load. Cleaning gets about six hours of normal operation before debris clogs racks and screens again. BON raked fish units and is currently pulling STSs from U18. Tomorrow will be tougher since U11 Kaplan pipes are supposed to be installed by the crew that would normally pull screens. Fredricks said the concerns are that BI is closed, WS entrances are out of criteria, and we have high numbers of coho still passing. In addition, PH1 is running pretty hard due to the reduced operation of PH2 units. Top that off with sea lions in the tailrace preying on delayed salmonids. Fredricks acknowledged that BON is doing everything they can but it is a bad situation for migrating salmonids. Fredricks suggested the debris should take priority over U11. Hausmann said that might be a contentious discussion for some. Hausmann said unscreened units will not be operated until the B2CC opens. He said running U18 at the upper end should help pull debris away from the fish units. **FPOM recommends prioritizing pulling STSs over U11, if it comes down to it over the weekend. Lorz said delaying adults now is a bigger priority than delaying the return of a unit that has been out since 2008. He also recommended opening the B2CC to help move debris away from the units and provide downstream passage for any juveniles or adults heading downstream. Unscreened units may be operated at generation limit. This will help pull debris from the fish units and move more flow away from PH1. ACTION: BON will, after this emergency operation concludes, draft a MFR to document this operation.***

Timeline of events –

12 November - VBS began rapidly clogging and fish unit trashracks developed 15' of drawdown. Project Fisheries called NOAA Fisheries and NWP Fisheries. All were in agreement about moving forward with pulling STSs. Messages were left with RCC.

13 November - Request to pull STSs was taken to FPOM (see first paragraph above). STSs were removed from units 17 and 18 by COB. B2CC was opened prior to any unit running without screens.

14 November – STSs removed from units 15 and 16.

15 November – By 1400 all remaining STSs were removed. B2CC remains open. Fish unit trashracks still require either raking or floating multiple times per day.

17 November – Fish units still require raking or floating multiple times per day.

01 December – Fish units going OOS in preparation for the Washington Shore fishway dewatering. Still having debris issues so the STSs will remain out and the B2CC open.

Sincerely,
Project Fisheries