

MEMORANDUM FOR THE RECORD – 14 LGS 09 Debris spill from forebay.

SUBJECT: Removal of debris accumulated in Forebay at Little Goose Dam

The debris has been accumulating in the forebay at LGS for some time and fish mortality has been slowly increasing. The debris has become waterlogged and is now sinking and entering the juvenile fish collection channel. This debris is blocking orifices continuously, fish mortality rates to rise. JFF personnel have been rotating and backflushing the orifices every 3 hours during business hours. Operators have been back flushing orifices at night when they can.

What we plan on doing:

LGO personnel will use two boats in the forebay and suspend a log between the two boats to push the debris towards the spillway to release the debris downstream. To make this a safe operation we will need to operate north end main units to help draw the debris towards the spillway and the TSW. Unit #1-3 will need to be shut down for approximately 1-2 hours. Power generation should not be effected but will be shifted to units 4, 5 and 6. Fish numbers entering the juvenile system should not be adversely affected with the timing being done when the least numbers of juvenile salmonids are entering the system. Adult fish attraction to the ladder from unit #1 being off should be minimized due to off peak period of passage. This work is scheduled to start at 1300 on June 18, 2014. Completion is expected by 1500 hours.

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Little Goose Dam

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