

MEMORANDUM FOR THE RECORD

SUBJECT: 22BON055 MFR High Forebay Operation

On Friday, 22 July, Bonneville Lock & Dam will be conducting a High Forebay Operation. This operation is effective from 0900 to 1500 hours and will consist of the following constraints:

Hard Constraint: 75.5 to 77.0 feet

Soft Constraint: 76.0 to 77.0 feet

The intent of this operation is to have the forebay as high as possible for a one-hour period within the specified timeframe. Bonneville's normal forebay operating range is 71.5 to 76.5 feet elevation. The goal of this operation is to evaluate hydraulic conditions of the Washington Shore Auxiliary Water Supply (AWS) at the upper limit of the Bonneville operating range to determine any concerns associated with the performance of the AWS at the upper limit of the forebay operating range. This operation may inform any future actions needed to ensure effective operation of the AWS.

During this high forebay operation, the Bonneville Powerhouse 1 (PH1) Ice and Trash Sluiceway (ITS) may flood on the North end where the ITS begins and is most shallow. Juvenile passage downstream may be impacted during this time. However, the ITS will remain in service during this operation.

Other possible downstream passage alternatives for migrating juvenile salmonids are the BON Main Dam Spillway, Powerhouse 2 Corner Collector (B2CC), and the Downstream Migrant Channel (DSM).

The Bonneville forebay will return to the normal forebay operating range at the conclusion of this operation.

Please see the RCC teletype BON R 072022 0909 for further details of this operation.

- A. Species – Juvenile Salmonids
- B. Origin – N/A
- C. Length – N/A
- D. Marks and tags – N/A
- E. Marks and Injuries found on carcass – N/A
- F. Cause and Time of Death – N/A
- G. Future and Preventative Measures – None

Sincerely,
Bonneville Project Fisheries