

3/28/2017

Little Goose Dam (LGS) Navigation Lock Bulkhead Storage Operation

1. **Background:** The LGS navigation lock is currently scheduled to be returned to service on April 12 after an extended maintenance outage. If the current schedule holds, the navigation lock bulkhead will be available on April 12 to float into the designated forebay slot for storage, which requires a full pool at the top of the normal operating range (638 ft) to make it over the sill.

Typically, this operation is performed prior to April 3 when the forebay constraints begin for the minimum operating pool (MOP) 1-ft range of 633-634 ft. However, the bulkhead has been in use for the extended maintenance outage. Storing the bulkhead in the forebay slot is necessary so that it is available to isolate the navigation lock gate should there be an emergency repair situation or an unforeseen outage.

Therefore, the Corps will be floating the bulkhead into the forebay slot after it is no longer needed for maintenance, currently scheduled for Wednesday, April 12, from 0800-1200 hours.

2. **Special Operation:** Dates and times are approximate and may vary due to real-time conditions, or as otherwise recommended by TMT. Throughout these operations, LGS will maintain 30% spill in accordance with the 2017 Fish Operations Plan (FOP).

- a. Tuesday, April 11 through Wednesday, April 12 at 0800 hours (up to approximately 32 hours): forebay elevation will be increased above MOP range 633-634 ft to target an elevation of 637.5-638.5 ft by 0800 hours on Wed, April 12.
- b. Wednesday, April 12, 0800-1200 hours: forebay maintained at 637.5-638.5 ft to float bulkhead.
- c. Wednesday, April 12 at 1200 hours through April 14 at 1200 hours (up to approximately 48 hours): forebay elevation will be returned to the MOP range of 633-634 ft.

3. **TMT Coordination:** The Corps will coordinate with TMT on any recommended changes of the operation defined above.