

**OFFICIAL COORDINATION REQUEST FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE- *13BON73 BON Spillway survey*

COORDINATION DATE- 10 September 2013 Updated on 24 September.

PROJECT- **Bonneville Lock and Dam**

RESPONSE DATE- **12 September (FPOM)**

Description of the problem- NWP would like to conduct their annual survey of the BON Spillway; focusing on the repaired sections. They would like to conduct the survey sometime between 30 September and 9 October (to avoid conflict with the lamprey flume repairs scheduled at PH2), with 30 September as the preferred date.

Type of outage required- The Project would prefer all 18 spill bays be out of service for the entire survey. This makes the clearance easier to administer.

If that is not acceptable with FPOM, bays 2-17 would be out of service for the entire survey. Bay 1 would be out of service while the survey boat is in the north half of the spillway and Bay 18 would be out of service while the survey boat is in the south half of the spillway.

Impact on facility operation- The spillway will not be available to pass flows while the survey boat is in the tailrace.

Dates of impacts/repairs- ~~Preferably 30 September.~~ 7 October- Boat arrives and does some testing outside the BRZ.

8 October- Hydrosurvey starts. One full day of Multi-beam survey of the erosion hole repairs.

9 October- Hydrosurvey continues with high resolution sonar of the undercut areas of Bays 3, 4, and 5. All hydrosurvey efforts conclude on this day.

Length of time for repairs- Two ~~One~~-work days.

Expected impacts on fish passage- In late September and early October there are normally over 1000 adult salmonids passing BON per day, however, minimal delay is expected for adults, as long as either spill bay 1 or 18 is open. Cascades Island and B-branch fishways will remain within FPP criteria.

Comments from agencies

12 September 2013 FPOM – approved. Bay 1 and Bay 18 will need to remain open when the survey is at the opposite side of the spillway. Hausmann explained the difficulties with the clearance and making tweaks to it, however, with the numbers of fish that may still be passing BON, only one attraction flow bay may be closed at time.

BON Tech Staff- -----Original Message-----

From: Perletti, Kevin P NWP

Sent: Friday, September 27, 2013 8:41 AM

To: Mackey, Tammy M NWP

Cc: Macdonald, Jacob B NWP

Subject: RE: FPOM: Official Coordination- Updated MOC 13BON73 BON spillway tailrace survey (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Tammy,

Looks good to me. My clearance will start on Oct 8th with Bay 18 gate 6" off sill and Bays 1-17 gates on sill. We will switch Bays 18 and 1 gates (up 6" or on sill) when the survey crew requests the change.

Thanks

Kevin

Final results-

The survey may go forward as coordinated as long as Bay 1 and Bay 18 are not both closed at the same time.

Please email or call with questions or concerns.

Thank you,

Tammy Mackey