

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

COORDINATION TITLE- 14BON05 Flushing Spill for rocks at bay 17.

COORDINATION DATE- 11 March 2014

PROJECT- Bonneville Spillway

RESPONSE DATE- 11 March 2014

Description of the problem The hydro-survey showed a small volume of rocks downstream of bay 17. NWP would like to flush them off the apron prior 10 April.

Type of outage required – No outage required. Night spill started on 10 March, and will continue as needed, to facilitate the climbing inspection taking place during the day.

We would need to alter the FPP spill pattern for one night, either 11 or 12 March, to flush rocks off the apron. Spill would be bulked in bays 15 - 17. Using the information from the flushing spill in March/April of 2012, we will open bays 16 and 17 to 13 feet. Bay 15 will be open 5 feet. This will provide approximately 62 kcfs. Spill on 10 March was 95 kcfs so we have plenty of water to accomplish the flushing spill.

Impact on facility operation – The spill pattern will deviate from what is in the 2014 FPP.

Dates of impacts/repairs – 11 or 12 March. Spill volume over the next two nights is expected to be larger than the necessary 62 Kcfs. Spill volume later in the week may not be large enough to cover the 62 Kcfs.

Length of time for repairs - Special spill patterns needs to be for 2 to 4 hours. Could be used all night but the operator can adjust from the control room.

Expected impacts on fish passage-

Upstream migrants- this operation would be done at night. Should have limited impact in early March.

Downstream migrants- limited impacts expected due to the timing and bay openings will be at least two feet to allow for better fish passage.

Comments from agencies

NOAA Fisheries (phone call with Fredricks)- This shouldn't be a problem this time of year.

CRITFC- -----Original Message-----

From: Rerecich, Jonathan G NWP

Sent: Tuesday, March 11, 2014 3:48 PM

To: Ebner, Laurie L NWP; Kanbergs, Karlis NWD; Mackey, Tammy M NWP; Schwartz,

Dennis E NWP; Hausmann, Ben J NWP
Subject: RE: FPOM: Official Coordination 14BON05 flushing spill for bay 17
(UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

I spoke with Lorz on the phone and he says go for it.

Jon

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

From: Perletti, Kevin P NWP
Sent: Tuesday, March 11, 2014 3:41 PM
To: Mackey, Tammy M NWP
Subject: RE: FPOM: Official Coordination 14BON05 flushing spill for bay 17
(UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Tammy, Looks good to me. Should not affect the inspections on the gates during the day.

Kevin P. Perletti P.E.
CENWP-OD-B
541-374-4572
kevin.p.perletti@usace.army.mil

Final results- Spill operations for flushing rocks was approved.

Flushing spill was initiated just before 1700 on 11 March. Spill bay 17 gate hoist failed after reaching a 12' opening. The brakes failed and the gate fell back to the sill. The Project is evaluating the gate, hoist, and our ability to use spill bay 17. More information will be available at the 13 March FPOM meeting.

Please email or call with questions or concerns.
Thank you,
Tammy

Tammy Mackey
NWP Operations Division Fishery Section
Columbia River Coordination Biologist
503-961-5733
Tammy.m.mackey@usace.army.mil