

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

**COORDINATION TITLE-** 15BON06 CI FV5-4 repair in October

**COORDINATION DATE-** 21 May 2015

**PROJECT-** Bonneville Lock and Dam

**RESPONSE DATE-** 11 June 2015 (FPOM)

**Description of the problem** – *Please see MFR 15BON03 for more details.*

Cascades Island valve FV5-4 has failed. BON is ordering supplies and will prepare to dewater Cascades Island beginning mid-October. The repairs will take three weeks. This outage will be outside the normal winter maintenance period.

**Type of outage required** – Cascades Island fishway will be fully dewatered for the repair of FV5-4. Spillbay 1 will be closed during the fishway outage.

**Impact on facility operation** – The Project will operate three fishway entrances instead of four. Spillbay 1 will be closed while CI is OOS.

**Dates of impacts/repairs** – Orifice flow is scheduled to begin on 8 October; dewatering will occur on 12 October. Repairs are expected to take three weeks, with crews working six days/week.

**Length of time for repairs** – About three weeks.

**Expected impacts on fish passage** –

**Upstream migrants** – Cascades Island is one of four ladder entrances available to upstream migrating fish. It is anticipated that the other three entrances will maintain FPP criteria and fish looking for an entrance in the spillway tailrace will be able to find the B-Branch entrance. Attraction flow will only be provided to B-Branch through spill bay 18; this should help guide fish to the operating entrance.

**Table 1. 10 year (2005 – 2014) average fish passage numbers at BON Washington Shore from 8 – 31 October.**

Date	All Chinook	All steelhead	Coho	Totals
8-Oct	1779	429	1710	3917
9-Oct	1586	355	1575	3515
10-Oct	1294	302	1585	3181
11-Oct	1066	295	1656	3017
12-Oct	680	216	1137	2033
13-Oct	853	204	1334	2391
14-Oct	802	195	1178	2175
15-Oct	597	173	1141	1911
16-Oct	687	208	1438	2333
17-Oct	656	225	1282	2163
18-Oct	589	269	1300	2157
19-Oct	320	183	968	1471
20-Oct	296	137	854	1287
21-Oct	291	126	808	1225
22-Oct	240	116	654	1009
23-Oct	254	117	726	1097

24-Oct	221	97	663	982
25-Oct	195	97	537	828
26-Oct	149	88	518	755
27-Oct	117	83	618	818
28-Oct	112	75	437	624
29-Oct	127	68	477	673
30-Oct	92	66	407	565
31-Oct	115	74	435	623

**Downstream migrants** – This action will occur outside the peak juvenile passage time and will not impact surface passage routes.

**Comments from agencies**

**NOAA Fisheries** – -----Original Message-----

From: Gary Fredricks - NOAA Federal [mailto:gary.fredricks@noaa.gov]

Sent: Tuesday, May 26, 2015 3:41 PM

To: Mackey, Tammy M NWP

Cc: Lorz, Tom; Trevor Conder - NOAA Federal; Hausmann, Ben J NWP

Subject: [EXTERNAL] Re: FPOM: Official Coordination - 15BON06 CI FV5-4 repair

Tammy, Overall, this looks ok however, I would recommend moving the spill from bay 1 to bay 18 rather than just shutting it off. Moving additional attraction water to this side may help passage somewhat, with no additional cost. Thanks, Gary

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

From: Tom Lorz [mailto:lorz@critfc.org]

Sent: Tuesday, May 26, 2015 3:53 PM

To: Mackey, Tammy M NWP

Subject: [EXTERNAL] Re: FPOM: Official Coordination - 15BON06 CI FV5-4 repair

will agree with gary, but had hoped that attraction/spill was going to be shifted anyway, but thought it should be stated since it was not in the MOC.

thanks

tom

**11 June 2015 – concurs with the work.**

**Final results- this activity may move forward as coordinated.**

Please email or call with questions or concerns.

Thank you,

Ben Hausmann

BON Project Fisheries

541-347-4598

Tammy Mackey

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