

**Fish Passage Plan (FPP) Change Request Form**

**Change Form # & Title:** 15BON001 – Table BON-11 A-Branch Diffuser Setpoints  
**Date Submitted:** July 10, 2014  
**Project:** Bonneville Dam  
**Requester Name, Agency:** Andrew Traylor, BON Fisheries  
**Final Action:** APPROVED - [August 14, 2014](#)

**FPP Section:** BON Section 2.5.3.4. Adult Fish Passage Facilities – PH1.

**Justification:** These diffusers only have one setpoint to open/close, not a range. The current "lower" limit for each diffuser is correct, but the "upper" limits should be removed. For example, as tailwater rises, FG3-3 will open 8.2' and remain open for all TWs above 8.2'. It won't (and shouldn't) close at 13.3'. These diffusers have operated with one setpoint for the last 4 years at least, likely more.

**Proposed Change:**

**2.5.3.4. Control of Bradford Island A-Branch Diffusion Gates FG3-3 through 3-9.**

Bradford Island A-branch diffusers are open according to the pattern in **Table BON-11**.

**Table BON-1. Diffuser Operating Ranges at Bonneville Dam Bradford Island A-branch.**

Diffuser	Operating <del>Range</del> <u>Setpoint</u> – Tailwater Elevation (feet)	<del>Position</del> <u>Dead-Bands</u> (feet)
FG3-3	<del>&gt;8.2 – 13.3</del>	<u>Open</u> <del>7.8 – 8.2</del>
FG3-4	<del>&gt;13.7 – 16.3</del>	<u>Open</u> <del>13.3 – 13.7</del>
FG3-5	<del>&gt;16.7 – 19.3</del>	<u>Open</u> <del>16.3 – 16.7</del>
FG3-6	<del>&gt;19.7 – 24.8</del>	<u>Open</u> <del>19.3 – 19.7</del>
FG3-7	<del>&gt;25.2 – 27.8</del>	<u>Open</u> <del>24.8 – 25.2</del>
FG3-8	<del>&gt;28.2 – 30.8</del>	<u>Open</u> <del>27.8 – 28.2</del>
FG3-9	> 31.2	<u>Open</u> <del>30.8 – 31.2</del>

**Comments:**

**Record of Final Action:**

8/14/14 FPOM: APPROVED