

FPP Change Form

Change Request Number: 10BON001

Date: May 7, 2009

Proposed by: Project Fisheries

Location of Change: BON 2.5.2

Proposed Change: b. Side entrances SW-SG-5 and SO-SG-7 shall remain closed. Downstream entrances SW-SG-1 and SO-SG-2 shall operate as continuously open free-flowing vertical slots. Downstream entrances SW-SG-3 and SO-SG-4 (adjacent to shore) consist of pairs of sluice gates. SO-SG-4N and SO-SG-4S shall be closed at all tailwater elevations. When the tailwater is below 9', sluice gates SW-SG-3N, SW-SG-3S, ~~SO-SG-4N, and SO-SG-4S~~ shall be open. When the tailwater is between 9' and 17', sluice gates ~~SO-SG-4S and~~ SW-SG-3N shall close. When the tailwater exceeds 17', sluice gates SW-SG-3N, and SW-SG-3S, ~~SO-SG-4N, and SO-SG-4S~~ shall be closed.

Table BON-7. Bonneville Dam B-Branch diffuser operating ranges.

<u>Diffusers</u>	<u>Operating range</u>	<u>Diffusers</u>	<u>Operating range</u>
<u>FG3-18</u>	<u>>34'</u>	<u>FG3-26</u>	<u>12'-31'</u>
<u>FG3-19</u>	<u>>31'</u>	<u>FG3-27</u>	<u>10.5'-28'</u>
<u>FG3-20</u>	<u>>28'</u>	<u>FG3-28</u>	<u><25'</u>
<u>FG3-21</u>	<u>>25'</u>	<u>FG3-29</u>	<u>Manual open</u>
<u>FG3-22</u>	<u>>22'</u>	<u>FG3-30</u>	<u>Manual open</u>
<u>FG3-23</u>	<u>>19'</u>	<u>FG3-31</u>	<u>>25'</u>
<u>FG3-24</u>	<u>>16'</u>	<u>FG3-32</u>	<u>>26'</u>
<u>FG3-25</u>	<u>13'-34'</u>	<u>FG3-33</u>	<u>>27'</u>

Table BON-8. Bonneville Dam Cascades Island diffuser operating ranges.

<u>Diffusers</u>	<u>Operating range</u>	<u>Diffusers</u>	<u>Operating range</u>
<u>FG6-5</u>	<u>>31</u>	<u>FG6-13</u>	<u>>10</u>
<u>FG6-6</u>	<u>>29</u>	<u>FG6-14</u>	<u>>9</u>
<u>FG6-7</u>	<u>>25</u>	<u>FG6-15</u>	<u>Manual open</u>
<u>FG6-8</u>	<u>>23</u>	<u>FG6-16</u>	<u>Manual open</u>
<u>FG6-9</u>	<u>>20</u>	<u>FG6-17</u>	<u>Manual open</u>
<u>FG6-10</u>	<u>>17</u>	<u>FG6-18</u>	<u>>12</u>
<u>FG6-11</u>	<u>>14</u>	<u>FG6-19</u>	<u>>15</u>
<u>FG6-12</u>	<u>>11</u>	<u>FG6-20</u>	<u>>19</u>

Existing tables would be re-numbered as necessary.

Reason for Change: With the new entrance weir, flow requirements have changed in the Cascades Island fishway. Upon review by Steve Schlenker, new criteria for diffuser openings and north and south gate openings have been developed.

In addition, the A-branch diffusers are included in a table, but the B-branch and Cascades Island diffusers had not been. This change will put all of those diffusers in tables so everyone knows at what tailwater they should operate.

Record of Final Action: Approved at May FPOM.