# Fish Passage Plan (FPP) Change Form

**Change Form # & Title**: 21TDA002 – Unit 8 Sluicegates Open

**Date Submitted**: April 20, 2021

**Project**: The Dalles Dam

**Requester Name, Agency**: Cordie, Corps

**Final Action: APPROVED 10 June 2021**

**FPP Section**: TDA Section 2.3.2.6. Juvenile Facilities – Fish Passage Season

**Justification for Change**: Slot 8-2 has hanger for unit trashrack rake, preventing access to sluicegate 8-2. Project has been opening sluicegate 8-1 instead. The future plans include modifications to allow moving rake, but date is to be determined. Has been mentioned at FPOM but was not changed in FPP yet. Past research general recommendation was only to open gates on operating unit 8.

**Proposed Change**: Change 8-2 to 8-1

**2.3.2.6.** Operate the ITS 24 hours/day for juvenile fish passage per **Table TDA-4.** Open gates 1-1, 1-2, 1-3 over operating Main Unit (MU)-1; gates 8-1, 8-3 over operating MU-8; and gate 18-2 over operating MU-18. If any these MUs are out of service for more than 6 hours, operate the next available MU and associated gates adjacent to the unit (i.e., if MU-1 is OOS, operate MU-2 w/gates; if MU-18 is OOS, operate MU-17 w/gates or MU-19 w/gates).

Table TDA-4. The Dalles Dam Ice & Trash Sluiceway (ITS) Schedule of Operations.

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| **DATES** | **SLUICEWAY OPERATION (24 hrs/day)** | **PURPOSE** | **FPP Section** |
| March 1–31; December 1–15 | OPEN End gate OPEN Sluice gates 1-2, 1-3 / 18-1, 18-2 | Adult fallback, kelt passage | **2.4.2.9 (Mar)****2.4.1.6 (Dec)** |
| April 1–November 30 | OPEN End gate OPEN Sluice gates 1-1, 1-2, 1-3 / 8-1, 8-3 / 18-2 | Juvenile passage | **2.3.2.6** |
| \*December 16–end of February  | CLOSE End gateOPEN Sluice gates 1-1 / 18-3 | No passage. Allows egress when equalized w/ forebay. | **2.3.1.4,****2.4.1.6.ii** |

\*Dec 16–end of Feb, discontinue ITS operation except during periods of spill when the ITS will be operated if available, per **section 2.2.3**.

**Comments**:

 May 13, 2021 FPOM Meeting: Morrill was ok with this but wanted to confirm with Lorz and other FPOM reps not on the call. Cordie was fine with waiting until the June FPOM meeting.

 June 10, 2021 FPOM Meeting: Lorz is generally ok with this but not sure if there’s a way to tell whether 8-1 is better or worse than 8-2. Cordie did some digging and couldn’t find any info one way or the other. He noted that 8-1 is downstream of 8-2; for the turbines, the downstream bays seem to be better at pulling fish so maybe it’s the same for the sluiceway. Lorz said 8-2 was originally selected because it’s in the center. But since there’s no info comparing the two, he’s fine with changing it to 8.1. Swank has similar concerns with the uncertainty but is fine with the change. Conder is ok. Ebel had no opinion.

**Record of Final Action**: Approved at FPOM 6/10/21.