

I am proposing we change the FPP font to Times New Roman 12. It is easier to read, takes up less space and is an approved Corps font. Below I've given examples of the same sections of the FPP in Times New Roman and in Courier New.

I'm not anticipating a lengthy discussion, but we have to have official approval from FPOM before the font can be changed.

Thanks,
Tammy

The Dalles Dam

1. Fish Passage Information.

The locations of fish passage facilities at The Dalles Dam are shown on **Figures TDA-1 through TDA-3**. Dates for project operations for fish purposes and special operations are listed in **Table TDA-1**.

1.1. Juvenile Fish Passage.

1.1.1. Facilities Description. Turbine units at The Dalles Dam are not screened. Juvenile fish passage consists of the ice and trash sluiceway and one 6"-orifice in each gatewell. All 6" orifices will be closed as units are dewatered. Currently unit 1 orifice is closed. The ice and trash sluiceway is a rectangular channel extending along the total length of the 22-unit powerhouse and is located in the forebay side of the powerhouse. Gatewell orifices allow flow into the sluiceway, providing a potential means of passing fish from the gatewells to the sluiceway. When any of the sluiceway gates (located in the forebay side of the sluiceway) are opened, water and juvenile migrants are skimmed from the forebay into the sluiceway and deposited in the tailrace downstream of the project.

1.1.2. Juvenile Migration Timing. The primary juvenile fish passage period at The Dalles Dam is April through November. Currently juvenile migration timing is monitored by PSMFC at John Day Dam. **Table JDA-2** in section 4 of the FPP reports data from 1994 to 2006. Since no juvenile monitoring is done at The Dalles Dam, refer to this table, and add approximately 1 day to the dates reported for each species to estimate juvenile fish arrival at The Dalles.

1.1.2.1. Diel passage at The Dalles sluiceway is affected by spill and flow conditions. In years of consistently high flow and spill, fish may be distributed higher in the water column and daytime passage may increase.

1.2. Adult Fish Passage.

1.2.1. Facilities Description. Adult fish passage facilities at The Dalles Dam are composed of a north shore fish ladder, which passes fish collected at the north end of the spillway, and an east fish ladder that passes those fish collected at the south end of the spillway and across the downstream face of the powerhouse.

1.2.1.1. A small hydropower facility, utilizing the north fishway ladder auxiliary water supply, was constructed in 1991 and is operated by the North Wasco PUD. Adult fishway criteria associated with this facility are monitored and maintained during the daily fishway inspections. A backup auxiliary water supply system, unscreened for juveniles has been upgraded to facilitate its use if required.

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