

Fish Passage Plan (FPP) Change Request Form

Change Form # & Title: 18OVE001 – TDG Monitoring
Date Submitted: December 1, 2017
Project: All
Requester Name, Agency: Lisa Wright, Corps RCC
Final Action:

FPP SECTION: Chapter 1 – Overview, section 1.5 (TDG Monitoring).

JUSTIFICATION: Clarifies TDG monitoring and corrects the terminology for the adjusted Oregon and Washington TDG standards for fish passage spill, which are occasionally (incorrectly) referred to as “waivers”. For TDG during fish passage spill, Oregon has a “modified standard” and Washington has an “adjusted criteria”.

PROPOSED CHANGES: *[edits to existing FPP text in track changes]*

1.5. Total Dissolved Gas (TDG) Monitoring

1.5.1. The Federal *Clean Water Act* establishes a total dissolved gas (TDG) aquatic life standard of 110% that has been adopted by the states of Washington, Oregon, Idaho, and Montana, and regional tribes.

1.5.2. During spill operations for fish passage, the states of Oregon and Washington have authorized exceptions (~~waiver standard modification~~ and ~~rule criteria~~ adjustment, respectively) for the four lower Snake River and four lower Columbia River projects of 120% in the project tailrace (OR and WA) and 115% in the next downstream forebay (WA). The Oregon ~~waiver standard modification~~ applies to spill for fish passage April 1–August 31. The Washington ~~rule criteria~~ adjustment applies to spill for fish passage year-round ~~and includes a standard of 115% in the next downstream forebay~~. As such, the Corps monitors TDG levels at fixed monitoring stations in the forebay and tailrace of each project to ensure that spill for fish passage is ~~in accordance consistent~~ with all applicable State and Tribal standards. For more information, see the FOP (Appendix E).

1.5.3. The Corps' annual *TDG Management Plan* provides the most current information regarding State water quality standards and includes definitions of spill types (e.g., fish passage, lack of turbine), the process for coordinating and implementing a spill priority list to manage system-wide TDG, the process for setting spill caps, and TDG management policies and monitoring programs. The Corps will coordinate with TMT to develop the spill priority list and to provide ongoing TDG information and reports as necessary.

COMMENTS:

RECORD OF FINAL ACTION: