

Total Dissolved Gas Adaptive Management Team

Columbia and Snake Rivers



State of Oregon
Department of
Environmental
Quality

December 13, 2007
Portland, Oregon



www.ecy.wa.gov/programs/wq/tmdl/columbia_rvr/columbia_tdg.html

Today's Agenda

- Introductions & review
- Spill volume changes due to eliminating 115% (ACOE and FPC)
- Description of methodology of calculating (1) fish passage and (2) survival without the 115% TDG limit (NOAA, FPC)
- Feedback on literature review

AMT Members

1. State of Washington (Ecology co-chair*)
2. State of Oregon (ODEQ co-chair*)
3. NOAA Fisheries
4. USACE
5. Save our Wild Salmon
6. Confederated Tribes of the Colville Reservation
7. Columbia River Inter Tribal Fish Commission
8. Grant County PUD
9. EPA
10. NW River Partners
11. USFWS

**Meetings
are open
to the
public**

* WDFW and ODFW are advising Ecology and ODEQ in the adaptive management process.

Role of AMT Members

- Provide technical information
- Advise Washington and Oregon on the TDG TMDL
- Comment on proposals

Roles of Washington and Oregon

- Make decision using technical input
- Follow state & federal laws & regulations

Issue #1

- The need for the 115% forebay TDG monitoring requirement.

Need for 115%

What are the biological impacts (GBT) of eliminating the 115%?

Vs.

How many more fish will pass through the system if we eliminated the 115%?





Literature Review

“Evaluation of TDG Biological Effects Research”

- Available on Webpage
- Addresses all aquatic life

We'll talk about this later today



How many more fish will pass through the system if we eliminated the 115%?

Need technical information on:

Next...

- How much more spill (and where) would there be if 115% was eliminated?
- How many more fish (by type) would pass through and survive if the 115% was eliminated?

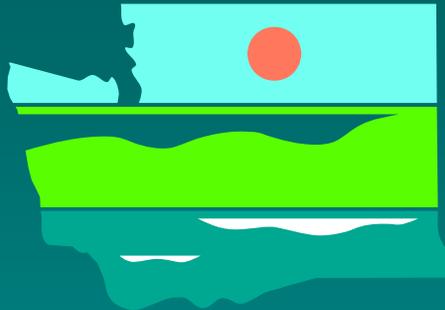
Begin discussing this meeting, on agenda for next meeting

Sequence of Events

1. Review literature regarding biological effects of higher TDG.
2. Review literature or other studies regarding increase survival of fish due to higher spill allowed by removing 115% requirement.
3. Summarize (and compare) #1 and #2, share with AMT.
4. Gather input from AMT.
5. Staff recommendations.
6. ODEQ 30 day public comment period.
7. ODEQ and Ecology make decision.

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