

Total Dissolved Gas Adaptive Management Team

Columbia and Snake Rivers



State of Oregon
Department of
Environmental
Quality

May 13, 2008
Portland, Oregon



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

Today's Agenda

- SYSTDG modeling results
- COMPASS modeling results
- HYDSIM results
- Adult passage and survival
- Gas Bubble Trauma Monitoring Program
- Resident Fish Literature Review

AMT Issue #1

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

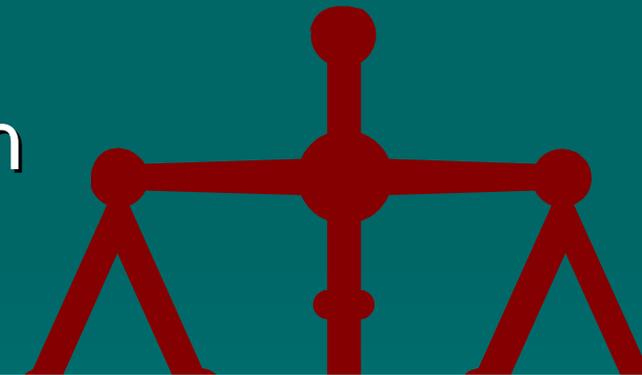
If the 115% requirement was removed, how would it affect fish?

Need for 115%

What are the biological impacts (GBT) of eliminating the 115% on all aquatic life?

Vs.

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



- GBT Program Results
- NOAA Resident Fish Review
- Ecology Literature Review



Lines of Evidence

- Analysis of Spill Volumes
- Importance of spill in Juvenile Hydro-system Survivals and SARs (FPC presentation)
- Comparable Survivability Study – CSS (USFW presentation)
- COMPASS (NOAA and USACE presentation)
- Adult Passage and Survival (CRITFC presentation)

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