

Columbia River Total Dissolved Gas TMDL  
Adaptive Management Team (AMT) Meeting  
06/23/2008  
National Marine Fisheries Service  
Portland, OR

**Attendance:** See list at end.

**Action Items:**

- July 7 – Comments on COMPASS and HYDSIM reports are due.
- July 7 – Bob Heinith's adult passage literature review is due (30-day comment period will follow).
- July 7 – Rudd Turner's updated SYSTDG report is due (30-day comment period to follow).
- July 25 – Comments on Don Weitkamp's presentation and paper are due.
- Gary will reserve the NOAA conference room for our next meetings on September 9 and October 14.

**Meeting Notes:**

Mark gave Agnes a disk containing his Literature Review. He only received comments from ACOE. Mark added an appendix to the Lit Review which explains how he incorporated the comments into the document. The appendix also explains why he didn't use certain comments.

There is going to be an update to the ACOE SYSTDG report. They will have the final version by July 7.

Note new website address for AMT:

<http://www.ecy.wa.gov/programs/wq/tmdl/ColumbiaRvr/ColumbiaTDG.html>

Introductions, AMT progress report, and overview of meeting agenda.

**Adult Fish Passage Review - Bob Heinith**

Bob has been reviewing the literature regarding adult survival through various dams. He will finish his summary and submit it to Andrew and Agnes by July 7. They will post it on the AMT website and folks will have 30 days to comment on it.

Rudd remarked that he thought that Andrew and Agnes said that the last day to submit technical information was today. Andrew said that the AMT can do a conference call regarding Bob's paper if responding in writing is not sufficient.

**TDG Supersaturation Criterion v. Field Investigations – Don Weitkamp, Parametrix**  
(presentation on website)

Don would like comments on his literature review. In the Clark Fork study, they never observed mortality directly from GBD. Fin damage was observed. There is less GBT data on invertebrates than on fish. Mark said that invertebrates are less sensitive than resident fish.

Lutz article discussed mortality and high incidence of GBD during low flows with supersaturation.

AMT has 30 days to comment on Don's review – comments are due to Andrew and Agnes by July 25.

### **Next Steps Discussion**

Andrew and Agnes are reviewing the material they have received to-date from the AMT. They will put together a synthesis paper which will hopefully be ready by the September meeting (meeting may be postponed until October). The Weight of Evidence Process will be used in the synthesis paper. The AMT will have 30 days to review the paper. During July and August, the AMT will provide comments on Don's and Bob's papers. If the TDG criteria is changed, then DEQ will do a 30-day public comment period and Ecology will do a standards change this fall. For DEQ, the change will most likely be an amendment to the current waiver.

John Palmer at EPA is in the loop on the AMT discussions. Group discussed if policy matters are considered. Andrew said that AMT is looking at TDG issue from a technical point of view and that policy issues are addressed in other forums.

Jim asked if states will request longer-term waivers (i.e. 10 years or so). He said that ACOE puts a lot of time into this project every two years and it would be better to have a longer-term waiver. Agnes said that a longer-term waiver is uncertain because last time a five-year waiver was rejected by the EQC in favor of the two-year waiver. The change will be an order signed by Dick Pedersen at DEQ. The waiver renewal will go back to the EQC commissioners.

**Next meeting: Either September 9 or October 14 at NOAA in Portland.**

TDG AMT June 23, 2008 Sign in Sheet

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