

Memorandum

TO: Andrew Kolosseus (WDOE), AMT Co-Chair
Agnes Lut (ODEQ), AMT Co-Chair

FROM: Rick Klinge, Douglas County PUD

SUBJECT: Comments from PUDs on TDG Literature Review by Weitkamp

DATE: July 22, 2008

This Memo provides comments from Rick Klinge (Douglas PUD) and Andrew Grassell (Chelan PUD) per our review of draft document, "Total Dissolved Gas Supersaturation Biological Effects, Review of Literature 1980 – 2007", prepared by Don Weitkamp.

We believe the report is complete, well presented and timely.

The review provides a detailed collection of work covering nearly three decades of experience. The report presents a:

- Compendium of work primarily from the Columbia Basin
- Review of "in vitro" and "in vivo" research
- Discussion on current compliance topics

Dr. Weitkamp's review provides relevant and current summaries of TDG research, primarily seen from the Columbia River system. The range in freshwater fishes, life histories and behavior provides an easy reference of information.

The review provides a transition from work performed in a laboratory (in vitro) to research in the natural environment (in vivo). This information has been presented and made available to the TDG Adaptive Management Team as an additional source of data that we hope is useful in the AMT decision making process.