

**Minutes of the  
U.S. Environmental Protection Agency  
Science Advisory Board  
Hypoxia Advisory Panel  
Teleconference  
February 12, 2007, 9:00 – 11:00 am Eastern time**

Committee Members: Dr. Virginia Dale, Chair  
Dr. Judy Meyer, Subgroup 2 Leader  
Dr. Bill Crumpton  
Dr. Mark David  
Dr. Daniel Conley  
Dr. Richard Lowrance  
Dr. Clifford Snyder  
Dr. Denis Gilbert  
Dr. Walter Boynton  
Dr. Don Wright  
Dr. James Opaluch  
Dr. Kyle Mankin  
Dr. Tom Simpson  
Dr. Ken Reckhow  
Dr. Bob Howarth  
Dr. James Sanders, Subgroup 1 Leader  
Dr. Cathy Kling, Subgroup 3 Leader  
Dr. Tom Bianchi  
Dr. Hans Paerl

Date and Time: February 12, 2007

Purpose: The Hypoxia Advisory Panel will discuss the writing status of their advisory report.

SAB Staff: Dr. Holly Stallworth, Designated Federal Officer  
Dr. Thomas Armitage, Designated Federal Officer  
Dr. Mary Belefski, SAB Staff Office  
Mr. David Wangsness, U.S. Geological Survey and  
Designated Federal Officer

Other: Chris Hornback, National Association Of Clean Water  
Agencies  
Dean Lemke, Iowa Department of Agriculture and Land  
Stewardship

Wayne Anderson, Minnesota Pollution Control Agency

Attachments:

Agenda

### **Meeting Summary**

The discussion followed the issues and general timing as presented in the meeting agenda. Dr. Stallworth convened the meeting and explained the Hypoxia Advisory Panel (HAP) will operate under the Federal Advisory Committee Act. Dr. Dale reviewed the agenda.

Dr. Jim Sanders reported on the status of various drafts from members in Subgroup 1 and explained some re-structuring of these sections. Members discussed possible overlap in the treatment of nitrogen and phosphorus by both Subgroups 1 and 2 as well as the effects of the new USGS loading calculations.

Dr. Meyer, Subgroup 2 leader, provided the panel with a status report on the drafting of Subgroup 2's sections of the HAP advisory. The issue of data for carbon in the Mississippi River Basin was discussed. One member mentioned the need to integrate economic models with the discussion of other models in the HAP report.

Dr. Kling, Subgroup 3 Leader, updated the panel on the status of various members' drafts in Subgroup 3. Members discussed the importance of targeting and revising the new Farm Bill to allow targeting for conservation programs. Members expressed for support for this as one of the Panel's recommendations.

HAP Chair Dr. Dale urged members to think about other recommendations that might go in the Executive Summary. One member mentioned the lack of important data, such as fertilizer application rates. Another member stressed the importance of time lags between conservation practices and their effects. Members shared views on the state of modeling for the effects of various best management practices.

In terms of action items, a number of requests were made to exchange drafts between members of the three subgroups. Dr. Stallworth stipulated a deadline of February 19, 2007 for all drafts to be submitted to the Designated Federal Officer.

Dr. Dale then concluded the meeting with suggestions to the 3 Subgroup Leaders for organizing their presentations on February 28, 2007 at the upcoming HAP meeting.

On Behalf of the Panel,  
Respectfully Submitted,

*/Signed/*

Holly Stallworth, Ph.D.  
Designated Federal Officer

Certified as True:

*/Signed/*

Virginia Dale, Ph.D.  
Chair, Hypoxia Advisory Panel

NOTE AND DISCLAIMER: The minutes of this public meeting reflect diverse ideas and suggestions offered by committee members during the course of deliberations within the meeting. Such ideas, suggestions, and deliberations do not necessarily reflect definitive consensus advice from the panel members. The reader is cautioned to not rely on the minutes represent final, approved, consensus advice and recommendations offered to the Agency. Such advice and recommendations may be found in the final advisories, commentaries, letters, or reports prepared and transmitted to the EPA Administrator following the public meetings.