

Summary Minutes of the  
U.S. Environmental Protection Agency (EPA)  
Advisory Council on Clean Air Compliance Analysis  
Ecological Effects Subcommittee (EES)  
Public Meeting  
December 9, 2004

Committee Members: Dr. Charles Driscoll, EES Chair  
Dr. Elizabeth Boyer  
Dr. Christine Goodale  
Dr. Scott Ollinger  
Dr. Mark Castro  
Mr. Keith Harrison  
Dr. Ralph Stahl  
Ms. Laurie Chestnut (Council member)  
Dr. Trudy Cameron (Council Chair)

Date and Time: 1100am – 1:00pm, Dec. 9, 2004

Location: Teleconference

Purpose: The Ecological Effects Subcommittee of the Advisory Council on Clean Air Compliance Analysis will teleconference to discuss draft answers (attached) to charge questions 18-20 contained in the Office of Air and Radiation's Benefits and Costs of the Clean Air Act 1990-2020 found at:  
<http://www.epa.gov/air/sect812/mainbody51203.pdf>.

SAB Staff: Dr. Holly Stallworth, Designated Federal Officer

Other EPA Staff: Brian Heninger, Jim Democker, Anthony Maciorowski

Other: Avery Palmer, Inside EPA  
Dick Karp, API  
Maura Flight, Industrial Economics

Meeting Summary

The discussion followed the issues and general timing as presented in the meeting agenda (Attachment A).

**December 9, 2004**

Opening of Public Meeting

Dr. Holly Stallworth, Designated Federal Officer (DFO) for EES, opened the meeting with a statement that the EES is a standing subcommittee of the Advisory Council on Clean Air Compliance Analysis, a chartered federal advisory committee whose meetings are subject to the requirements of the Federal Advisory Committee Act.

Dr. Driscoll explained the context for the teleconference, that the EES is following up to the Nov. 5 meeting to draft answers to the 3 charge questions. No comments were offered in the draft response to question 18.

For question 19, Dr. Driscoll asked the Subcommittee whether it wanted to complete the table for each of the sites. Boyer said CD's intro to Waquoit Bay needed wordsmithing and that both Waquoit and Chesapeake, as case studies, suffer from the not having air dep as the dominant pollutant. Dr. Goodale said she would add her comments into the introduction to question 19. Dr. Driscoll proposed that the EES group case studies by coastal and upland.

Dr. Ollinger presented his case study on the Gulf of Maine (GOM) and stipulated that a drawback too using the Gulf of Maine was the shared water with Canada. GOM's river basins are all in the U.S. and its largest source of N is inflow from the ocean (not air dep).

The members discussed whether or not to use the table, with the general conclusion to keep it. Dr. Ollinger volunteered to do the table for the GOM.

Dr. Driscoll spoke about his Long Island Sound write-up and received some comments from the other members. Dr. Driscoll also received comments on the Adirondacks, specifically that it offers recreational fishing.

Dr. Goodale spoke on the Catskills and said her particular emphasis was on the NYC water supply, particularly that mention of sulfur be added

Mr. Harrison spoke about his draft response to question 20. Dr. Driscoll suggested that other data be mentioned in this response.

The EES members interacted with Council members on the economic dimensions of the ecological effects. EES members expressed reservations about property value studies. In particular, property development was a prime cause of eutrophication in the Adirondacks. Secondly, acid rain can be misinterpreted because it can actually make lakes clearer.

Dr. Driscoll asked for comments on the write up for the Southern Appalachians. Dr. Stahl spoke about his write-up on the Everglades.

Dr. Boyers spoke about her write-up on Waquoit Bay. Housing causes N flow. Air dep has been stable over time. You wouldn't expect reductions in air dep to help this estuary over next 10 years because of groundwater transport.

The teleconference concluded with a discussion of next steps, due dates and next teleconferences --- all summarized below.

Next Steps:

- Driscoll will provide paper on mercury contamination of Everglades.
- Castro's write-up of Barnaget Bay and Chesapeake Bay will be provided by 12/16/04.
- Revisions (Driscoll, Stahl, Ollinger, Boyer, Harrison) due by 12/16/04.
- Members will digest these revisions and new drafts over the weekend of 12/17/04.
- Revisions and new drafts will be discussed in the 12/20/04 teleconference.
- OAR will respond to the draft of 12/20/04.
- 1/13/05 teleconference (11am – 1pm) scheduled for EES response to OAR comments.

Respectfully Submitted:

/s/

Holly Stallworth, Designated Federal Officer

Certified as True:

/s/

Charles Driscoll  
Chair

NOTE AND DISCLAIMER: The minutes of this public meeting reflect diverse ideas and suggestions offered by the Panel 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 to represent final, approved, consensus advice and recommendations offered to the Agency. Such advice and recommendations may be found in the final advisories, letters or reports prepared and transmitted to the EPA Administrator following the public meetings.