

**U.S. Environmental Protection Agency
Science Advisory Board
Mountaintop Mining Panel**

Agenda

Public Meeting, July 20-22, 2010

Washington Plaza Hotel
10 Thomas Circle, N.W., Washington, DC 20005

Purpose: To review and provide advice on the scientific adequacy, suitability and appropriateness of EPA’s Office of Research and Development (ORD) draft Aquatic Ecosystem Report and draft Conductivity Benchmark Report related to Mountaintop Mining and Valley-Fills. The titles of these documents are:

- “The Effects of Mountaintop Mines and Valley Fills on Aquatic Ecosystems of the Central Appalachian Coalfields,” and
- “Field-Based Aquatic Life Benchmark for Conductivity in Central Appalachian Streams.”

Tuesday, July 20, 2010

8:30 am	Opening and Welcoming Remarks	Mr. Edward Hanlon <i>Designated Federal Officer EPA Science Advisory Board Staff Office</i>
		Dr. Anthony Maciorowski <i>Deputy Director EPA Science Advisory Board Staff Office</i>
8:40 am	Introduction of Members and Review of Agenda	Dr. Duncan Patten <i>Chair</i>
8:50 am	Remarks from EPA Offices	Ms. Denise Keehner <i>Director, Office of Wetlands, Oceans, and Watersheds, EPA Office of Water</i>

Tuesday, July 20, 2010 (continued)

9:15 am	Review of Aquatic Ecosystem Effects of Mountaintop Mining and Valley Fills	
9:15 am	Overview of Report	Dr. Susan Norton <i>EPA Office of Research and Development</i>
9:30 am	Overview of Charge Questions	Dr. Michael Slimak <i>EPA Office of Research and Development</i>
9:45 am	Public Comments	Registered Speakers
10:00 am	Break	
	Discussion of Charge Questions	
10:15 am	<ul style="list-style-type: none">• Charge Question 1 –Conceptual Diagram	Lead Discussants: Dr. Lucinda Johnson Dr. Philip Townsend
11:00 am	<ul style="list-style-type: none">• Charge Question 2 – Literature Review	Lead Discussants: Dr. Kyle Hartman Dr. Richard Warner
11:45 am	Lunch	
	Discussion of Charge Questions	
12:30 pm	<ul style="list-style-type: none">• Charge Question 3 - Loss of Headwater Streams	Lead Discussants: Dr. James Dinger Dr. Alexander Huryn
1:30 pm	<ul style="list-style-type: none">• Charge Question 4 - Downstream Water Quality and Stream Biota	Lead Discussants: Dr. William Clements Dr. Michael Newman
2:45 pm	Break	
3:00 pm	<ul style="list-style-type: none">• Charge Question 5 - Cumulative Ecological Impacts	Lead Discussants: Dr. Bernard Sweeney Dr. Philip Townsend
4:00 pm	<ul style="list-style-type: none">• Charge Question 6 - Effectiveness of Restoration Methods	Lead Discussants: Dr. Gwendelyn Geidel Dr. J. Todd Petty

Tuesday, July 20, 2010 (continued)

5:00 pm	Summary of Assignments and Recap	Dr. Duncan Patten
5:15 pm	Recess	Mr. Edward Hanlon

Wednesday, July 21, 2010

8:00 am	Reconvening of Meeting	Mr. Edward Hanlon
8:00 am	Summary of Major Comments: Charge Questions 1 through 6 – Aquatic Ecosystem Effects Report	Lead Discussants and Panel Members
9:45 am	Break	
10:00 am	Review of Conductivity Benchmark Report	Ms. Stephanie Sanzone <i>Designated Federal Officer</i> <i>EPA Science Advisory Board Staff Office</i>
10:00 am	Overview of Report	Dr. Susan Cormier <i>EPA Office of Research and Development</i>
10:15 am	Overview of Charge Questions	Dr. Michael Slimak <i>EPA Office of Research and Development</i>
10:30 am	Public Comments	Registered Speakers
10:50 am	Discussion of Charge Questions	
10:50 am	<ul style="list-style-type: none">• Charge Question 1 – Adequacy of Data	Lead Discussants: Dr. William Clements Dr. Tom LaPoint
11:35 am	<ul style="list-style-type: none">• Charge Question 2 – Methodology to Derive Conductivity Benchmark	Lead Discussants: Dr. Kyle Hartman Dr. Sam Luoma
12:20 noon	Lunch	
1:00 pm	<ul style="list-style-type: none">• Charge Question 3 – Relating Species Extirpation to Conductivity	Lead Discussants: Dr. Robert Hilderbrand Dr. David Soucek

Wednesday, July 21, 2010 (continued)

1:40 pm	• Charge Question 4 – Confounding Factors	Lead Discussants: Dr. Elizabeth Boyer Dr. Alexander Huryn
2:20 pm	• Charge Question 5 – Evaluation of Uncertainty	Lead Discussants: Dr. Elizabeth Boyer Dr. Douglas McLaughlin
3:00 pm	Break	
3:15 pm	• Charge Question 6 – Degree of Protection of the Benchmark	Lead Discussants: Dr. Sam Luoma Dr. Michael Newman
3:55 pm	• Charge Question 7 – Transferability of Benchmark to Other Regions	Lead Discussants: Dr. Robert Hilderbrand Dr. Bernard Sweeney
4:35 pm	• Charge Question 8 – Applicability of Methodology to Other Pollutants	Lead Discussants: Dr. Lucinda Johnson Mr. Edward Rankin
5:15 pm	Recess	Ms. Stephanie Sanzone

Thursday, July 22, 2010

8:00 am	Reconvening of Meeting	Mr. Edward Hanlon
8:00 am	Summary of Major Comments: Charge Questions 1 through 7 – Conductivity Benchmark Report	Lead Discussants and Panel Members
10:00 am	Break	
10:15 am	Action Items and Next Steps	Dr. Duncan Patten and Committee Members
12:00 noon	Adjourn	Mr. Edward Hanlon