

**AGENDA**  
**U.S. Environmental Protection Agency**  
**Science Advisory Board Staff Office**  
**Clean Air Scientific Advisory Committee (CASAC)**  
**Particulate Matter Review Panel**  
**Public Meeting**  
**April 1 - 2, 2009**

**Purpose:** To review the *Integrated Science Assessment for Particulate Matter* (First External Review Draft, December 2008) and to provide consultation on two planning documents: *Particulate Matter National Ambient Air Quality Standards: Scope and Methods Plan for Health Risk and Exposure Assessment* and *Particulate Matter National Ambient Air Quality Standards: Scope and Methods Plan for Urban Visibility Impact Assessment*

<b><u>Wednesday, April 1, 2009</u></b>		
<b>8:30 am</b>	<b>Convene Meeting and Welcome</b>	<b>Dr. Holly Stallworth Designated Federal Officer Dr. Vanessa Vu Director, SAB Staff Office</b>
<b>8:35 am</b>	<b>Introduction of Members, Review of Agenda</b>	<b>Dr. Jonathan Samet Chair, CASAC</b>
<b>8:45 am</b>	<b>Background and Schedule for Review of the Particulate Matter NAAQS</b>	<b>Ms. Lydia Wegman, EPA Office of Air Quality Planning and Standards</b>
<b>9:00 am</b>	<b>Highlights of Draft <i>Integrated Science Assessment</i> (ISA) and Charge Questions</b>	<b>EPA National Center for Environmental Assessment: Dr. John Vandenberg Dr. Steven Dutton Dr. Lindsay Wichers Stanek Dr. Kris Novak Dr. Mary Ross Dr. Doug Johns Dr. Barbara Buckley Dr. Tom Luben Mr. Jason Sacks Dr. Joseph Pinto Dr. James Brown</b>
<b>9:45 am</b>	<b>Public Comments on <i>Integrated Science Assessment</i></b>	
<b>10:30 am</b>	<b>Break</b>	
<b>10:45 am</b>	<b>Comments on Charge Question #9 --- environmental effects</b>	<b>Mr. Rich Poirot Dr. Ellis Cowling Dr. Bill Malm Dr. Dave Grantz Dr. Lowell Ashbaugh Dr. Tom Moore</b>

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<b>Wednesday, April 1, 2009 (continued)</b>		
	<b>Comments on Charge Question #1 --- Framework</b>	<b><u>Dr. Rogene Henderson</u> Dr. Sverre Vedal (by phone) Dr Helen Suh MacIntosh Dr. Frank Speizer</b>
	<b>Comments on Charge Question #2 --- conclusions and summary</b>	<b><u>Dr. Joe Brain</u> Dr. Ted Russell Dr. Chris Frey Dr. James Crapo</b>
<b>12:15 pm</b>	<b>Lunch</b>	
<b>1:00 pm</b>	<b>Comments on Charge Question #3 --- Source to exposure</b>	<b><u>Dr. Phil Hopke</u> Dr. Joseph Helble Mr. Ed Avol Dr. Helen Suh Macintosh Dr. Tom Moore Dr. Donna Kenski</b>
	<b>Comments on Charge Question #4 --- dosimetry</b>	<b><u>Dr. Robert Phalen</u> Dr. Joe Brain Dr. Mort Lippmann</b>
	<b>Comments on Charge Question #5 --- modes of action</b>	<b><u>Dr. Joe Brain</u> Dr. James Crapo Dr. Kent Pinkerton</b>
	<b>Comments on Charge Question #6 --- health effects</b>	<b><u>Dr. Frank Speizer</u> Dr. Sverre Vedal Dr. Wayne Cascio</b>
<b>3:00 pm</b>	<b>Break</b>	
	<b>Comments on Charge Question #7 --- health effects</b>	<b><u>Dr. Frank Speizer</u> Dr. Sverre Vedal (by phone) Dr. Helen Suh Macintosh Dr. Wayne Cascio</b>
	<b>Comments on Charge Question #8 --- susceptibility and vulnerability</b>	<b><u>Dr. Chris Frey</u> Dr. Wayne Cascio Dr. Mort Lippmann Dr. Frank Speizer</b>
	<b>Comments on Charge Question #10 --- Other general comments</b>	<b>Everyone</b>
<b>4:45pm</b>	<b>Adjourn for Subgroup Writing Sessions</b>	<b>Subgroups</b>

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<b>Thursday, April 2, 2009</b>		
<b>8:00 am</b>	<b>Reconvene the Panel Meeting</b>	<b>Dr. Stallworth</b>
<b>8:05 am</b>	<b>Discussion of draft responses to charge questions on the ISA</b>	<b>Dr. Samet and Panel</b>
<b>9:00 am</b>	<b>Highlights of <i>PM NAAQS: Scope and Methods Plan for Health Risk and Exposure Assessment</i> (Health Assessment Plan)</b>	<b>EPA Office of Air Quality Planning and Standards: Dr. Karen Martin Dr. Zach Pekar Mr. John Langstaff Ms. Karen Wesson Ms. Beth Hassett-Sipple</b>
<b>9:15 am</b>	<b>Public Comments</b>	
<b>9:30 am</b>	<b>Health Assessment Plan</b>	
	<ul style="list-style-type: none"> <li>• <b>Chapter 1 – Overarching Questions</b></li> </ul>	<b><u>Dr. James Crapo</u> Dr. Sverre Vedal_(by phone)</b>
	<ul style="list-style-type: none"> <li>• <b>Chapter 2 – Air Quality Considerations</b></li> </ul>	<b><u>Dr. Ted Russell</u> Dr. Christopher Frey Mr. Richard Poirot Dr. Tom Moore Dr. Joseph Helble Dr. Phil Hopke Dr. Donna Kenski</b>
<b>10:30am</b>	<b>Break</b>	
<b>10:45am</b>	<ul style="list-style-type: none"> <li>• <b>Chapter 3 – Health Risk Assessment</b></li> </ul>	<b><u>Dr. Mort Lippmann</u> Dr. Douglas Crawford-Brown (by phone) Dr. Kent Pinkerton Dr. Robert Phalen Dr. Rogene Henderson</b>
	<ul style="list-style-type: none"> <li>• <b>Chapter 4 – Population Exposure Analysis</b></li> </ul>	<b><u>Mr. Ed Avol</u> Dr. Helen Suh Macintosh Dr. Wayne Cascio</b>
<b>11:30 am</b>	<b>Lunch</b>	
<b>12:00 pm</b>	<b>Highlights of <i>PM NAAQS: Scope and Methods Plan for Urban Visibility Impact Assessment</i> (Welfare Assessment Plan)</b>	<b>EPA Office of Air Quality Planning and Standards: Ms. Vicki Sandiford Dr. Marc Pitchford</b>

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<b><u>Thursday, April 2, 2009 (continued)</u></b>		
<b>12:15 pm</b>	<b>Public Comments</b>	
<b>12:30 pm</b>	<b>Welfare Assessment Plan</b>	
	<ul style="list-style-type: none"><li>• Chapter 1 – Overall Design</li></ul>	<b><u>Dr. William Malm</u></b> <b>Dr. Lowell Ashbaugh</b> <b>Dr. David Grantz</b>
	<ul style="list-style-type: none"><li>• Chapter 2 – Urban Visibility Conditions</li></ul>	<b><u>Dr. Ted Russell</u></b> <b>Dr. Christopher Frey</b> <b>Mr. Richard Poirot</b> <b>Dr. William Malm</b>
	<ul style="list-style-type: none"><li>• Chapter 3 – Quantitative Visual Impact Assessment</li></ul>	<b><u>Dr. Joseph Helble</u></b> <b>Dr. Tom Moore</b> <b>Dr. Ellis Cowling</b>
<b>1:45 pm</b>	<b>Summary of Next Steps</b>	<b>Dr. Samet</b>
<b>2:00 pm</b>	<b>Adjourn</b>	<b>Dr. Stallworth</b>