

**Summary Minutes of the  
U.S. Environmental Protection Agency (EPA)  
Science Advisory Board (SAB)  
Trichloroethylene (TCE) Review Panel  
Public Teleconference of April 20, 2010**

Date and Time: Tuesday, April 20, 2010, 2:30 PM – 4:30 PM Eastern Standard Time

Location: Teleconference only

Purpose: To orient the TCE review panel to the EPA Toxicological Review of Trichloroethylene and to discuss the panel's charge and agenda for its face-to-face meeting on May 10 – 12, 2010.

Committee members present (for full roster see Attachment A):

Dr. Deborah Cory-Slechta, Chair  
Dr. Scott Bartell  
Dr. Aaron Blair  
Dr. Anneclaire De Roos  
Dr. Claude Emond  
Dr. Montserrat Fuentes  
Dr. David Hoel  
Dr. Gunnar Johanson  
Dr. Jose Manautou  
Dr. David McMillan  
Dr. Michael Pennell  
Dr. Gloria Post  
Dr. Kenneth M. Portier  
Dr. Gary Rankin  
Dr. Ivan Rusyn  
Dr. Ornella Selmin  
Dr. Brian Thrall  
Dr. John Vena  
Dr. Virginia Weaver

Committee staff: Dr. Marc Rigas, Designated Federal Officer (DFO)

Other EPA Staff: Ms. Shari Bauman, Office of Water  
Dr. Jane Caldwell, Office of Research and Development  
Dr. Weihsueh Chiu, Office of Research and Development  
Dr. Marina Evans, Office of Research and Development  
Dr. Vanessa Vu, Science Advisory Board  
Dr. Paul White, Office of Research and Development

Members of the public: See Attachment B

The meeting was announced in the Federal Register<sup>1</sup> and proceeded according to the meeting agenda<sup>2</sup>. Dr. Rigas, the DFO, convened the meeting at 2:30 PM after a roll call of panel members to insure a quorum. He noted that as required under the Federal Advisory Committee Act (FACA), the Committee's deliberations are held in public with advanced notice given in the Federal Register, and the meeting minutes will be made publicly available after the meeting. He noted that the TCE Review Panel received one written public comment and a request for an oral public comment, both from Dr. Paul Dugard, on behalf of the Halogenated Solvents Industry Alliance. He also noted that Committee Members are all subject to federal ethics regulations and conflict-of-interest laws that pertain to them. He then turned over the meeting to Dr. Deborah Cory-Slechta, Chair of the TCE Review Panel.

Dr. Cory-Slechta initiated a roll call of guests and then introduced the public commenter for a 3 minute presentation during the public comment period. There were no questions from panel members following the public comments.

Dr. Cory-Slechta introduced EPA staff to provide an overview of the EPA Toxicological Review of Trichloroethylene. Following the presentation, several committee members had questions for EPA Staff. Questions were focused primarily on the epidemiological evidence for kidney cancer.

Dr. Cory-Slechta then read the charge questions, asking after each one whether committee members had questions regarding the charge. Committee members had no questions regarding the committee's charge.

Dr. Rigas then explained the general plan for the organization of the face-to-face meeting and asked members to return any questions or concerns regarding their individual review assignments to Dr. Rigas by no later than Friday, April 23, 2010.

With all business completed, Dr. Rigas adjourned the meeting at 4:20 PM on April 20, 2010.

Respectfully Submitted:

Certified as True:

\_\_\_\_\_/SIGNED/\_\_\_\_\_  
Dr. Marc Rigas  
Designated Federal Officer

\_\_\_\_\_/SIGNED/\_\_\_\_\_  
Dr. Deborah Cory-Slechta, Chair  
Trichloroethylene (TCE) Review Panel

## **ATTACHMENT A: Roster**

### **U.S. Environmental Protection Agency Science Advisory Board Trichloroethylene (TCE) Review Panel**

#### **CHAIR**

**Dr. Deborah Cory-Slechta**, Professor, Department of Environmental Medicine, School of Medicine and Dentistry, University of Rochester, Rochester, NY

#### **MEMBERS**

**Dr. Scott Bartell**, Assistant Professor, Program in Public Health, University of California - Irvine, Irvine, CA

**Dr. Aaron Blair**, Scientist Emeritus, National Cancer Institute, National Institutes of Health, Rockville, MD

**Dr. Anneclaire De Roos**, Associate Professor, Department of Epidemiology, Fred Hutchinson Cancer Research Center, Seattle, WA

**Dr. Rodney Dietert**, Professor, Department of Microbiology and Immunology, College of Veterinary Medicine, Cornell University, Ithaca, NY

**Dr. Claude Emond**, Adjunct Clinical Professor, Department of Environmental and Occupational Health, Faculty of Medicine, University of Montreal, Montréal, QC, Canada

**Dr. Montserrat Fuentes**, Associate Professor, Department of Statistics, North Carolina State University, Raleigh, NC

**Dr. David G. Hoel**, Distinguished University Professor, Department of Biometry and Epidemiology, Medical University of South Carolina, Charleston, SC

**Dr. Gunnar Johanson**, Professor, Department of Toxicology and Risk Assessment, Karolinska Institute, Solna, Sweden

**Dr. Deborah Keil**, Associate Professor, Clinical Laboratory Sciences, University of Nevada, Las Vegas, Las Vegas, NV

**Dr. Jose Manautou**, Associate Professor & Marlene L. Cohen and Jerome H. Fleisch Scholar, Department of Pharmaceutical Sciences, School of Pharmacy, University of Connecticut, Storrs, CT

**Dr. David McMillan**, Associate Professor, Cell and Molecular Pharmacology, Nebraska Medical Center , University of Nebraska Medical Center, Omaha, NE

**Dr. Michael Pennell**, Assistant Professor, Division of Biostatistics, College of Public Health, The Ohio State University, Columbus, OH

**Dr. Kenneth M. Portier**, Director of Statistics, Department of Statistics and Evaluation, American Cancer Society, National Home Office, Atlanta, GA

**Dr. Gloria Post**, Research Scientist, Office of Science, New Jersey Department of Environmental Protection, Trenton, NJ

**Dr. Gary Rankin**, Professor and Chair of Pharmacology, Physiology and Toxicology, Pharmacology, Physiology and Toxicology, Joan C. Edwards School of medicine, Marshall University, Huntington, WV

**Dr. Ivan Rusyn**, Associate Professor, Environmental Sciences and Engineering, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC

**Dr. Ornella Selmin**, Associate Research Scientist, Nutritional Sciences, Shantz Building 38, Room 309, University of Arizona, Tucson, AZ

**Dr. Brian Thrall**, Technical Group Leader , Cell Biology Group , Pacific Northwest National Laboratories, Richland, WA

**Dr. John Vena**, Professor and Department Head, Department of Epidemiology and Biostatistics, College of Public Health, University of Georgia, Athens, GA

**Dr. Virginia Weaver**, Associate Professor, Departments of Environmental Health Sciences & Medicine, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD

#### **SCIENCE ADVISORY BOARD STAFF**

**Dr. Marc Rigas**, Designated Federal Officer, 1200 Pennsylvania Avenue, NW, Washington, DC, Phone: 202-343-9978, Fax: 202-233-0643, (rigas.marc@epa.gov)

## **ATTACHMENT B: Members of the Public**

List of Attendees  
Science Advisory Board  
Trichloroethylene (TCE) Review Panel Meeting (Teleconference)  
**April 20, 2010**

<b>Name</b>	<b>Affiliation</b>
Lisa Bailey	Gradient
Barbara Barrett	McClatchey Newspapers
Tom Biksey	WSP Environmental
Paul Dugard	Halogenated Solvents Industry Alliance
Julie Goodman	Gradient
Maria Hegsted	Inside Washington Publishers
Sheila Kaplan	Contributor for politicsdaily.com
Katherine Kurtz	U.S. Navy
Resha Putzrath	U.S. Navy
Amy Romano	WSP Environmental
Pat Rizutto	BNA Daily Environmental
Linda Wilson	State of New York

## **Materials Cited**

The following meeting materials are available on the SAB Web site, <http://www.epa.gov/sab>, at the [April 20, 2010 TCE Review Panel Meeting](#) page:

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<sup>1</sup> Federal Register: March 31, 2010 (Volume 75, Number 61, pp. 16108-16109).

<sup>2</sup> Agenda for April 20 teleconference orientation meeting