

**U.S. Environmental Protection Agency
CHILDREN'S HEALTH PROTECTION ADVISORY COMMITTEE
WORKSHOP AND PLENARY**

Location of November 15, 2006 Workshop

RESOLVE
1255 23rd Street, NW, Suite 275
Washington, DC 20037

AND

Location of November 16, 2006 CHPAC Plenary

Hotel Washington
515 15th Street, NW
Washington, DC 20004-1099
November 16, 2006

Desired Outcomes:

- Workshop: Learn about the intersection of emerging chemicals of concern and children's health and identify possible next steps; and
- Plenary: Discuss, revise, and make decision to send PBDE letter to the Administrator and identify priorities for the coming year.

Additional Objectives:

- Learn about new and ongoing children's health protection activities at EPA, including follow up to recent comment letters;
- Discuss NIEHS' Children's Health Research Center evaluation and where EPA is headed

November 15, 2006 at RESOLVE

8:00-8:30 ***Check-in and Continental Breakfast***

8:30-8:45 **Welcome and Introductions**

Objective: Review desired outcomes and agenda for both days and provide a foundation for the workshop and the plenary meeting.

Presenters: Melanie Marty, Chair
Carolyn Hubbard, Designated Federal Officer
Gail Bingham, President, RESOLVE

- Participant introductions
- Review meeting purpose
- Review agenda

U.S. Environmental Protection Agency
CHILDREN'S HEALTH PROTECTION ADVISORY COMMITTEE
WORKSHOP ON EMERGING CHEMICALS OF CONCERN AND
CHILDREN'S HEALTH

Workshop Objectives:

- Review past efforts and current status of programs that identify emerging hazards and understand how children's environmental health is considered in the process.
- Review scientific advances in modeling and testing for "emerging" problem chemicals and designing "green" product alternatives – what tools are available?
- Visioning forward to explore possible avenues for improving current government and industry practices to identify and reduce/prevent exposures to children from "emerging" chemicals that present unreasonable health risks.

8:45-9:00 Workshop Introduction

Objective: Review workshop objectives.

Presenters: Melanie Marty, Chair, CHPAC
Gary Ginsberg, Emerging Chemicals of Concern Task Group

9:00-12:00 Session One: Methods to Identify Possible Emerging Chemicals of Concern

9:00-10:00 Past Methods to Identify Potential Chemicals of Concern: Case Studies of Existing Chemicals That Emerged as Exposure Issues to Children

Objective: Using the example of PFOA, PBDE or Phthalates, learn about EPA methods to identify toxicants.

Presenters: Kenneth Moss, CCD/OPPT/ EPA (PBDEs)
Mary Dominiak, Chemical Control Division, CCD/OPPT/
EPA (PFOS/PFOA)

10:00-11:00 Current Methods to Identify Exposure/Toxicant Concerns for New Chemicals

Objective: Learn about EPA's current program and approach.

Presenter: Ward Penberthy, Deputy Division Director,
Chemical Control Division, OPPT/ EPA

- How has EPA's review and regulation of new chemicals changed in the past 30 years?
- How is the exposure and risk potential evaluated for general public and children?

- PBT and predictive toxicology screens: strengths and weaknesses
- How are early life stages taken into account in screening and more refined analyses?
 - Are children's pathways such as nursing and exposure to house dust considered?
- Simulation testing of products and contaminant releases, especially into indoor environment
- Fate and transport modeling of outdoor and indoor releases
- How and when are these various screens applied?

11:00-11:15 BREAK

11:15-12:15 Other Perspectives on Screening and Testing of New Chemicals to Limit Children's Exposures to Chemicals in Commerce

Objective: Learn about approaches taken in industry and state government to identify and avoid children's exposures from new chemicals

11:15-11:45 Looking at Potential Exposures to Children Resulting from the Use of Consumer Products

Presenter: Steven Robison, Proctor and Gamble

- How is P&G approaching this problem?
- What exposure scenarios are they considering?

11:45-12:15 Efforts to Reduce VOC in Indoor Air from Building Products/Furnishings

Presenter: Bob Blaisdell, (Cal/EPA/OEHHA)

- What are some common indoor air VOCs that children are exposed to?
- What initiatives are being explored in California government to reduce exposure to indoor VOCs?

12:15-1:30 LUNCH

1:30-3:30 Session II: Managing Potential Emerging Concerns of Existing Chemicals

Objective: Review scientific advances in modeling and testing and managing "emerging" problem chemicals – what tools, such as green chemistry, are available?

1:30-2:00 Green Chemistry & Design for the Environment Initiatives at EPA

Presenter: Kathleen Volkes, EETD/OPPT/EPA

- What initiatives does EPA have to stimulate green chemistry?
- How is outreach conducted within those initiatives?

2:00-2:45 Evaluating “safer” cleaning products to reduce impacts on children

Presenter: Daniel Daggett, Johnson Diversey

- What are the main chemicals in cleaning products of concern?
- How can we reduce the risks to children?

2:45-3:30 Tracking existing chemical uses, exposures, and toxicity

Presenter: Joel Tickner, University of Massachusetts, Lowell

- When and how can we become aware of major new uses of existing chemicals, particularly where children are likely to be exposed?
- What safeguards are there that existing uses or emerging uses are of low risk to children?
- What groups (industry, NGOs, govt) are tracking these uses?

3:30-3:45 **BREAK**

3:45-5:00 **Session III: How Can We Improve the Current System to Limit Children’s Exposures to Industrial Chemicals of Concern?**

***Objective:** Explore possible avenues for improving current government and industry practices to identify and prevent exposures of children from “emerging” chemicals that present unreasonable health risks to children. Session will begin with brief comments from panel members joining the days’ speakers, and then will continue as a dialogue among the panel in response to the suggested discussion questions below and questions from the Advisory Committee.*

Presenters: Ward Penberthy, EPA
 Kathleen Volkes, EPA
 Dan Daggett, Johnson Diversey
 Steven Robinson, Proctor & Gamble
 Bob Blaisdell, OEHHA, Cal/EPA
 Joel Tickner, UMASS, Lowell
 Mike Babich, CPSC
 Richard Wiles, EWG

Suggested Discussion Questions:

- What is the potential role of biomonitoring – how can we obtain child-specific data?
- What is the optimal role for EPA in overseeing new chemicals going into marketplace and expanding uses of existing chemicals?
- What triggers would lead to more involved modeling, screening, testing, and

biomonitoring?

- Should an interagency task force be established (as per NAS, 2006 biomonitoring report recommendation) to oversee chemical use in products, exposure issues and biomonitoring?
- How should community-based organizations, NGOs, and the public be informed of emerging chemicals of concern? What role should these groups play in managing risks?

5:00 pm

Public Comment

5:30 pm

Wrap-Up and Adjourn for the Day

**U.S. Environmental Protection Agency
CHILDREN'S HEALTH PROTECTION ADVISORY COMMITTEE PLENARY**

November 16, 2006 at Hotel Washington

- 8:00-9:30** **ECOC Work Group** (Break out room name)
- 9:00-9:30** **Coffee**
- 9:30-9:35** **Welcome and Review Day's Agenda**
Objective: Review agenda
- Presenters:* Melanie Marty, Chair
 Carolyn Hubbard, Designated Federal Official
 Gail Bingham, President, RESOLVE
- 9:35-10:00** **Highlights of Recent OCHP Activities**
Objective: Learn about recent developments concerning children's health at EPA.
- Presenter:* William Sanders, Acting Director, U.S. EPA Office of Children's
 Health Protection
- 10:00-11:00** **Discussion and Next Steps from Emerging Chemicals Workshop**
Objective: Recap & Next Steps
- Presenters:* Melanie Marty, Chair
 Jan Mostowy
- 11:00-12:00** **Emerging Chemicals of Concern Task Group Update and PBDE Letter**
Objective: Learn about Emerging Chemicals of Concern (ECOC) Task Group activities and review proposed PBDE comment letter to identify any issues or concerns. [Final Action will be after lunch]
- Presenter:* Gary Ginsberg, ECOC Chair
- 12:00-1:30** **Lunch (on your own)**
- 1:30-2:00** **Public Comment**

2:00-3:00 **Children’s Environmental Health Research Centers (CEHRC)**
Objective: Learn about NIEHS’ evaluation of the Children’s Health Research Centers & Where EPA is headed

Presenters: Chris Saint, Assistant Director, NCER/ORD
 (One of the) CEHRC Directors - TBD

3:00-4:00 **Upcoming Issues for CHPAC**
Objective: Identify and prioritize critical children’s health issues for the CHPAC to provide advice to the Administrator

Presenter: TBA

4:00-5:00 **Review and Decide on PBDE Letter** *[continued]*
Objective: Review proposed comment letter, discuss any remaining issues, and reach agreement on comments to submit to the Administrator.

5:00 **Adjourn**