

**US ENVIRONMENTAL PROTECTION AGENCY
HUMAN STUDIES REVIEW BOARD
JANUARY 2011 PUBLIC MEETING**

Environmental Protection Agency Conference Center
Lobby Level - One Potomac Yard (South Bldg.)
2777 S. Crystal Drive, Arlington, VA 22202

January 26, 2011

- 9:15 AM*** **Convene Public Meeting and Review Administrative Procedures** – Jim Downing (Designated Federal Officer, EPA Human Studies Review Board, Office of the Science Advisor)
- 9:20 AM** **Opening Remarks** - Dr. Warren Lux, Director of the Program in Human Research Ethics (Office of the Science Advisor)
- 9:25 AM** **Introduction and Identification of Board Members** – Sean Philpott, Ph.D. (HSRB Chair)
- 9:30 AM** **OPP Welcome and Follow-up on Previous HSRB Recommendations** – Mr. William Jordan (OPP, EPA)
- Session 1:** **Agricultural Handler Exposure Task Force (AHETF) report of a completed scenario monograph and study reports of five field studies measuring the dermal and inhalation exposure of workers applying liquid spray pesticides to tree or trellis crops using closed cab airblast equipment.**
- 9:40 AM** **EPA Science and Ethics Reviews** – Mr. Matthew Crowley (OPP, EPA) and Ms. Kelly Sherman (OPP, EPA)
- 10:25 AM** **Board Questions of Clarification** – Sean Philpott, Ph.D. (HSRB Chair), EPA, Principal Investigator/Sponsor
- 10:55 AM** **Break**
- 11:10- AM** **Public Comments**
- 11:25 AM** **Board Discussion - Science**

Charge to the Board:

- Was the research reported in the Agricultural Handler Exposure Task Force (AHETF) completed monograph report and associated field study reports faithful to the design and objectives of the protocol, SOPs, and governing documents?
- Has the Agency adequately characterized, from a scientific perspective, the limitations on these data that should be considered when using the data in estimating exposure of those who apply conventional pesticides with closed cab airblast equipment?

12:30 PM **Lunch**

*Agenda times are approximate and subject to change. For further information, please contact the Designated Federal Officer for this meeting, Jim Downing, via telephone: (202) 564-2468 or email: downing.jim@epa.gov

1:15 PM Board Discussion Continued - Ethics

Charge to the Board:

- Does available information support a determination that the studies were conducted in substantial compliance with subparts K and L of 40 CFR Part 26?

Session 2: Agricultural Handler Exposure Task Force (AHETF) scenario design and associated protocol describing proposed research to monitor exposure of workers who mix and load pesticides formulated as wettable powders.

2:15 PM EPA Science and Ethics Reviews – Mr. Jeff Evans (OPP, EPA) and Ms. Kelly Sherman (OPP, EPA)

2:45 PM Board Questions of Clarification – Sean Philpott, Ph.D. (HSRB Chair), EPA, Principal Investigator/Sponsor

3:15 PM Public Comments

3:30 PM Break

3:45 PM Board Discussion

Charge to the Board:

If the revised AHETF scenario and field study proposal AHE80 is revised as suggested in EPA's review and if the research is performed as described:

- Is the research likely to generate scientifically reliable data, useful for assessing the exposure of handlers who perform open mixing and loading of pesticide end use products formulated as wettable powders?
- Is the research likely to meet the applicable requirements of 40 CFR part 26, subparts K and L?

5:15 PM Adjournment

*Agenda times are approximate and subject to change. For further information, please contact the Designated Federal Officer for this meeting, Jim Downing, via telephone: (202) 564-2468 or email: downing.jim@epa.gov