Benzo(a)Pyrene and Hexachlorobenzene

Work Group Co-Chairs:

Tom Tseng, Environment Canada

Steve Rosenthal, U.S. EPA

B(a)P and HCB Challenge Goals

Canada

- Seek a 90% reduction in releases
- By 2000

United States

- Seek reductions in releases that are within, or have the potential to enter, the Great Lakes Basin
- By 2006

Progress Toward the Challenge Goals

- Both Canada and the U.S. have achieved reductions
- The U.S. has satisfied its commitment
  - B(a)P emissions in Great Lakes states reduced by ~ 77% from 1996 to 2001
  - HCB emissions reduced from 1990 to 1999
- Canada continues to pursue its goal, but it is unlikely that 90% reduction goal will be met by 2006
  - B(a)P releases reduced by ~ 45%, relative to 1988
  - HCB releases reduced by ~ 62%, relative to 1988

Management Assessment Update

- **Environmental Analysis**
  - **Generally sufficient data on the environmental presence of B(a)P and HCB in multiple media**
  - **Data indicate little change in B(a)P concentrations in the Great Lakes over the past decade with some exceedances of sediment quality criteria**
  - **Declining HCB concentrations in various media, no fish advisories in the Great Lakes, and HCB levels below detection in some media**

Management Assessment Update

- Opportunity Assessment
  - A number of opportunities for further GLBTS action exist for both B(a)P and HCB
- Management Outcomes
  - Continue active Level 1 status
  - Continue workgroup efforts
  - Keep current challenge goals