Great Lakes Binational Toxics Strategy Stakeholder Forum

December 4, 2008
Hyatt Regency O'Hare
Rosemont, Illinois

Canada

EPA

PCBs

Work Group Co-Chairs:

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PCB Challenge Goals

Canada

- 90% reduction of high-level PCBs (>10,000ppm)
- Accelerate destruction of stored high-level PCB wastes

Progress Overview:

- Goals met for PCBs in storage & accelerated destruction
- Reductions underway for PCBs in service

United States

- 90% reduction of high-level PCBs (>500 ppm)
- Proper management and disposal of PCBs removed from use

Progress Overview:

- Goals likely met:
  - Insufficient data to accurately determine status
  - Insufficient Capacitor data

Progress Toward the Challenge Goals: Canada

Challenge Goals Met:

- 90.5% (or better) reduction of high-level PCBs *in storage* in Ontario (compared to 1993 baseline)
- Less than 400 PCB storage sites are remaining in Ontario (down from 1,529 in 1993)

Other Progress/Challenge Goals Underway:

- Updated PCB inventory data received in response to outreach; currently being incorporated into National Inventory Database
- Reductions being made for *in-service* PCBs

Progress Toward the Challenge Goals: Canada

Other Progress/Challenge Goals Underway:

Finally, Canada's NEW PCB regulations (SOR/2008-273) have been registered in Canada Gazette II on September 5, 2008 (become in force from this date)

- **Dec 31, 2009 for all stored PCBs with 500 ppm or above**
- **Dec 31, 2009 for all PCBs (50 ppm and above) in areas e.g. Water Treatment plants, food processing, child/senior care facilities, schools and colleges, hospitals**
- **Dec 31, 2025 – for ballasts, pole-top transformers & sealed capacitors**
- **Storage requirements (part 3, S 18-28)**
- **Mandatory yearly reporting, records & labeling requirement (part 4, S33-45)**

Progress Toward the Challenge Goals: U.S.

Reduction Estimates:

- According to the PCB Transformer Registration Database, approximately 14,700 PCB transformers were registered with EPA in August 2006
  - No formal EPA updates have been provided
- Based on annual disposal data from 2005, an estimated 73,000 PCB transformers and 1,294,000 large PCB capacitors remained in use in the U.S.
  - Estimate obtained by subtracting the annual disposal data from the 1994 baseline
  - Currently developing more updated calculations of population
  - EPA considering better update to current baseline

Progress Toward the Challenge Goals: U.S.

- EPA currently compiling and evaluating several data elements:
  - Updated registration data (2007 & 2008)
  - Updated disposal data (2007 & 2008)
  - Monsanto PCB Sales information (1971-75)
  - PCB Source Profiles (ATSDR)
- With these elements, EPA hopes to better identify PCB quantity and location information

Path Forward

- Continue to seek PCB reduction commitments:
  - Integrated PCB and related Pollution Prevention efforts with States
  - Individual/industry-initiated stakeholder PCB Phase-out Efforts
- Continue to educate PCB owners for phase out of PCBs through voluntary and or regulatory framework
- Continue to update PCB equipment inventories and target information in the U.S. and Canada
  - ANPR
  - State/Province PCB Data Analysis
  - Canada will soon install “On-line Reporting” for Inventory update in 2009
- Continue outreach/compliance promotion efforts for new PCB Regulations in Canada through Info Sessions, Fact Sheets, Q/As and Web Information
- Implement PCB Management Assessment recommendations, with focus on source identification and assessment
  - Software Tool for Evaluating PCB Transformer Phase-Out
  - Targeting and profiling tools for sources and units
    - Monsanto Data
    - Other State and Department data