

Great Lakes Binational Toxics Strategy Stakeholder Forum

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Hyatt Regency O'Hare
Rosemont, Illinois**

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