

**Great Lakes
Binational Toxics Strategy
Integration Workgroup Meeting**

**September 15, 2005
Chicago, Illinois**

**Reporting to BEC on
Management Outcomes
from the
*General Framework to Assess
Management of Level 1 Substances***

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Overview

- **Overall, the environmental analyses show many of the Level 1's remain in the Great Lakes at levels exceeding criteria**
- **Significant progress has been made:**
 - ◆ **10 of 17 challenge goals met**
 - ◆ **3 more will be met by 2006**
 - ◆ **Remaining 4 will be well-advanced toward targets**
- **Source reduction opportunities remain for Level 1's recommended for continuing active Level 1 status**

Mercury

Outcome

- **Continue active Level 1 status**

Future Opportunities

- **Source reduction opportunities remain for the GLBTS Mercury Workgroup in the auto scrap, appliance, industrial equipment, and dental sectors.**
- **Share information to influence international actions**

PCBs

Outcome

- **Continue active Level 1 status**

Future Opportunities

- **Source reduction opportunities remain for the GLBTS PCB Workgroup to continue to encourage divestment of in-service PCB equipment. Other significant future workgroup opportunities include improving the current inventories and assessing sources.**

Dioxins/Furans

Outcome

- **Continue active Level 1 status**

Future Opportunities

- **Source reduction opportunities remain for the Dioxin/Furan Workgroup to address the use of burn barrels. Other significant future workgroup opportunities include characterization of sources such as uncontrolled burning, and exploring pathway interventions to mitigate exposure to dioxins and furans.**

HCB

Outcome

- **Continue active Level 1 status**

Future Opportunities

- Significant future workgroup opportunities include expanding the HCB/B(a)P Workgroup to include other chlorobenzenes, improving the emissions inventories, identifying long range transport contributions to the Great Lakes, and cooperating with the Dioxin/Furan Workgroup on similar source sectors.

B(a)P

Outcome

- **Continue active Level 1 status**

Future Opportunities

- Source reduction opportunities remain for the HCB/B(a)P Workgroup in residential wood combustion and scrap tire pile mitigation. Other significant future workgroup opportunities include improving inventories and expanding the scope of the workgroup to include Level II PAHs (Anthracene , Benzo(a)anthracene, Benzo(g,h,i)perylene, Perylene, Phenanthrene).

Alkyl-lead

Outcome

- **Suspend GLBTS workgroup activities**

Future Opportunities

- **The Parties will defer to the National Programs to continue to work with National Association for Stock Car Auto Racing (NASCAR) to reduce the use of leaded fuel in race cars, and with the Federal Aviation Administration and aviation industry to find alternatives to leaded gasoline in aviation fuel.**

Level I Pesticides

Outcome

- **Suspend GLBTS workgroup activities**

Future Opportunities

- **The Parties will defer to National, Provincial, State, Tribal and local Clean Sweep programs to continue to address the stockpile of cancelled pesticides in the Great Lakes basin, and to various remediation programs that address pesticide contamination. The Parties will participate in international fora that address pesticide phase-outs and disposal, worldwide.**

OCS

Outcome

- **Suspend GLBTS workgroup activities**

Future Opportunities

- **The Parties will continue to monitor OCS in the Great Lakes environment, and study OCS via long-range transport.**

Sediments

Outcome

- **Continue remediation activities**

Future Opportunities

- **The Parties will continue to report annually on progress made in Areas of Concern (AOCs) to remediate sediments contaminated with Level 1 substances.**

Long Range Transport

Outcome

- **Continue study of Long Range Transport of Level 1 substances**

Future Opportunities

- **The Parties will continue to study the long range transport of Level 1 & 2 substances (including Level 1 pesticides) to the Great Lakes, evaluate the relative contributions from world-wide sources, and work within international fora, such as UNEP, to reduce releases.**

Level I Summary

Level I Substance	Outcome
Mercury	Continue active Level 1 status
PCBs	
Dioxins/Furans	
HCB	
B(a)P	
Alkyl-lead	Suspend GLBTS workgroup activities
Level I Pesticides	
OCS	
Sediments	Continue remediation activities
Long Range Transport	Continue study of LRT