



Great Lakes Regional
Collaboration
Toxic Pollutant Strategy
Near Term Projects

GLRPPR Strategic Planning Meeting
February 22, 2006

Five Broad Recommendations

- Finish the Job on Level 1 Substances
- Support P2
- Increase Surveillance (New Chemicals)
- Improve Advisories
- Enhance International Work

Near Term Projects

- Total FY 2006 = \$180,000, with GLNPO funding
- Mercury Phase-down Strategy (1)
- Burn Barrel Reduction Initiative (1)
- Great Lakes and St Lawrence Cities Toxic Pollutant Initiative (1, 2)
- Chemical Screening and Analytical Methods (3)
- Great Lakes Sport Fish/Health Support (4)
- Lindane Project (5)

Mercury Phase-down Strategy

- Facilitation by GLRPPR, and lead by GLBTS Mercury Workgroup
- Develop a basin wide mercury phase down strategy to address products and waste
- Letter to State Agency Commissioners from Tom Skinner soliciting members went out

Burn Barrel Initiative

- IL/IN Sea Grant and GLBTS Dioxin WG Leads
- Assemble Eight State-wide Notebooks
 - BMPS
 - Model Ordinances
 - State Regulations
- Present to City/County/Planning Commissioners at State-wide Gatherings
- Invite Mentor/Mentee Partnerships

Great Lakes and St Lawrence Cities Toxic Pollutant Initiative

- IL/IN Sea Grant Lead
- Help from GLRPPR, GL/SL Cities Initiative
- Series of Workshops in Big Cities across GL Basin
- Emphasize BMPs
- P2 Tool kits for use by city managers, others

Chemical Screening and Analytical Methods Project

- Collaboration between the Environment Canada Aquatic Ecosystem Protection Research Division, and the Syracuse Research Corporation through a contract in EPA Office of Pollution Prevention and Toxics
- Screen Canadian Domestic Substances and EPA High Production Volume Substances for P, B and T characteristics, cross compare and overlay with TRI and NPRI inventories to develop an emerging chemicals emissions/impacts scenario to the Great Lakes.
- A short list from the above will be compared against available analytical methodologies for use in Great Lakes monitoring programs to help inform the Great Lakes Binational Toxics Strategy and Lake Wide Area Management Plan pollution prevention efforts.

Great Lakes Sport Fish/Human Health Support

- Great Lakes Sport Fish Consortium, via Wisconsin Department of Public Health
- Finalize Basin-wide Mercury Advisory Protocol for Sensitive Populations
- Develop Outreach Materials for the entire Basin

Lindane Project

- Environment Canada Lead (Dr. Yi-Fan Li, a research scientist with EC, will manage the project while he is on professional development leave in China.)
- Identify and quantify the Chinese sources of both HCH production and atmospheric emissions of various HCH isomers in order to quantify and assess their impact on the North American environment and manage or eliminate the risk due to exposure of these toxicants
- Leveraged with resources from CEC, EC, and a 100 percent match from China.