

US EPA ARCHIVE DOCUMENT

Path Forward for the GLBTS

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GLBTS Attributes

- Measurable targets and timelines
- Multi-stakeholder
- 4-Step Process
- Information collaboration and coordination
- Transparent Annual Reporting

Key Message:

- Governments to select substances of interest to the Great Lakes Basin – not stakeholders job, but stakeholders would like to be involved in the discussion

Attributes of the GLBTS

- Measurable targets and timelines
 - Multi-stakeholder
 - 4 Step Process
- Information collaboration and coordination
- Transparent Annual Reporting

Information gathering /
Integration

Step 1

Substance Group

Information gathering and integration of data on substances of interest within the Basin

- Nature of impact
 - Exposure
 - Screening
 - Monitoring
 - Health
 - Toxic
- Sources

Sector Group

Will define sectors of importance within the Great Lakes, beginning with the 26 sectors identified in Canada's Chemical Management Plan

- Characteristics of sectors
- Location
- Sources

Step 2

Analysis of current regulations, initiatives and programs

Step 3

Options for the management of substances of interest within the Great Lakes Basin

Step 4

New Challenge Goals / Timelines for GLBTS or GLWQA

- Substance Specific
- Sector Specific
- Subset of sectors
- A combination of above

12 to 18 month timeframe to
implementation

Timeline

- Sept 27th, 2007 - Endorsement from BEC
- Oct, 2007 - Danny and Gary's charge to group co-chairs
- Nov, 2007 – Groups' first meeting
- Dec 12th, 2007 GLBTS Stakeholder Forum – Chicago – Groups' second meeting

Sector Group

Overview

- Phase I: Information gathering on relevant sectors in the Great Lakes Basin consistent with Canada's Chemicals Management Plan and corresponding U.S. state sector information
- Phase II: Crosswalk with the substance group to identify sources by sector for both Canada and the U.S. and prioritize sectors

Phase I: Information Gathering

Define sectors of importance within the Great Lakes, beginning with the 26 sectors identified in Canada's Chemical Management Plan, but looking as well at Canadian provincial information and U.S. state information

- Characteristics of sectors
- Location
- Sources

Phase II: Crosswalk with Substance Group

- Information gathering on sectors and sources of emerging chemicals of concern to the Great Lakes Basin;
- Consult with sectors
- Develop Mitigation Strategies
- Develop Management Options

Substances Group

Overview

- Phase I: Information gathering of emerging chemicals of concern to the Great Lakes Basin
- Phase II: Identify/Address Sources of Emerging Chemicals of Concern to the Great Lakes Basin

Phase I: Information Gathering

Examples of types of information gathering that could be used are:

- Chemical Screening
 - Canadian DSL Categorization;
 - Use of pollution prevention models to predict environmental characteristics of potential chemicals of concern (Muir study);
 - Review of other program databases such as the High Production Volume program
- Use Great Lakes Monitoring programs to characterize the presence and significance of chemicals of emerging concern in the Great Lakes environment;

Phase I: Information Gathering

- Computational Toxicology; review of toxicological research on chemicals, and review of research conducted in other countries;
- Predicting consequences of various loading rates of different chemicals based on mathematical models; and
- Use of reproduction, physiological and biochemical measures in wildlife, fish and humans as health effects indicators.

Phase II: Identify/Address Sources of Chemicals of Emerging Concern

- Compile and review trends in the production, import, and use of chemicals of emerging concern;
- Regulatory/Program review for chemicals of emerging concern
- Prioritize chemicals of emerging concern
- Develop Mitigation Strategies
- Develop management options

For more information, contact:

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