



*Update on Monitoring and Surveillance under the Chemicals
Management Plan (CMP)*

GLBTS Sector and Substance Working Group Meeting
December 3rd, 2008
Chicago, Illinois



Government
of Canada

Gouvernement
du Canada

Canada

Objectives of the Presentation

- At the September GLBTS meetings, a brief overview of the Chemicals Management Plan (CMP) Monitoring and Surveillance program was presented
- Objective of this presentation: Provide a brief update on CMP Monitoring and Surveillance activities, leading in to discussion of linkages between GLBTS and Monitoring and Surveillance
 - **CMP Monitoring and Surveillance Workshop**



CMP Monitoring and Surveillance Workshop

- October 28 CMP Monitoring and Surveillance Workshop held in Ottawa, hosted jointly by Chemical Sectors Division and Science and Risk Assessment Division of Environment Canada
- ~90 participants: Environment Canada, Health Canada, risk managers and risk assessors and both research, and monitoring scientists.
- **Purpose:**
 - **Provide participants with a better understanding of the process for setting substance priorities for the program**
 - **Improve the dissemination of toxics monitoring information being collected through the CMP Monitoring Program to other areas of the department; solicit ideas and feedback from participants**
 - **Develop linkages between environmental monitoring program, and other data sources within the department**
 - **Improve understanding among participants of how environmental monitoring information can be more effectively used in decision-making**



Highlights of the meeting

- **Overview of CMP Monitoring and Surveillance Program structure and process**
 - Status update provided
 - Substance nomination:
 - A decision framework was presented to help determine priorities for the CMP monitoring program to be used by Risk Managers during development of RM Approach
 - This framework can be used to document that monitoring has been considered for all (HC and EC) CMP substances (and others) and guide workplanning
- **Toxics Monitoring for CMP in EC: what information is/will be available**
 - Existing status & trends information: Pre-CMP and Results from Year 1 and Year 2
 - Enhancements to Meet CMP Needs: Addition of waste and wastewater monitoring
 - report identifying CMP chemicals most likely to be found in waste sector such as leachate and landfill gas, i.e. BPA in leachate, with sampling beginning this fall
 - sampling of priority substances at wastewater treatment plants beginning 2009
- **Overview of CMP research activities**
 - Research in 3 main themes of effects, exposure, and validation and development of models/tools for priorities such as endocrine disrupting chemicals
- **Overview of HC Monitoring Program**
 - Includes human biomonitoring to provide national baseline data for a range of chemicals such as flame retardants, pesticides and metals
- **Linking monitoring to performance**
 - Update on Performance Measurement Evaluation Plans, role of monitoring data
- **Compliance Analysis and Planning data warehouse Potential Linkages and opportunities**
 - Overview of Compliance Analysis and Planning Database which houses data on compliance rates by sector, regulation, and region as a potential tool for storing CMP monitoring results



Feedback from the Workshop

- **Breakout sessions helped provide feedback**
- **It was recognized that there will be many different users of the monitoring data generated, and a large quantity of information**
- **Recommendations included:**
 - Internal communication:
 - Centralized, web-based (intranet) common database, meta-data first, then interpreted data
 - Aggregate, national scale, visual, simple, trends, brief, hotspots, maps, pie charts, searchable by CAS #, common units
 - Environment Canada wiki pages: web-based fact sheets, internal portal
 - Quality assured by central experts
 - Easy access, browse at user's leisure
 - External Communication:
 - Advisory group on reporting out
 - Accessible (centrally, web-based) as easy communication tools (ex. pie charts, trend graphs)
 - Mapping feature, meta-data
 - Summary reports, abstracts, fact sheets, simple layout
 - Protect Confidential Business Information



Path forward

- Incorporate workshop feedback into monitoring program
 - Adapt to additional priority setting considerations (ex. rank based on production volume, financial considerations etc.)
 - Consider other feeders to decision-framework: oil/gas sector, legacy chemicals, pesticides, GLBTS
- Develop information/knowledge dissemination plan (internal and external)
 - Accessible, easy-to-use interface, intranet portal, mapping feature
 - Link monitoring data to other departmental programs (performance measurement, compliance, enforcement etc.)
- Hold annual Monitoring Workshop:
 - To report out on current activities, and key results to date
 - Consult on direction of program and future priorities.

