

**Peer Consultation Meeting
for ComET
November 8, 2004**

Agenda and Statement of Purpose

This meeting is provided by Health Canada as an opportunity for all interested parties to view and understand a new exposure assessment tool, ComET, to be employed by Health Canada, and for any interested party to provide data or information that could improve the working architecture of that tool. For purposes of illustration, only, several dozen substances have been featured in ComET. Selection of these chemicals does not have any regulatory or other significance, as they were just convenient to the ComET architects for illustration purposes. This meeting is NOT a peer review of the tool or its application by Health Canada, and is NOT a forum for discussion of the individual chemicals and data used for those chemicals. Discussion of the data and algorithms will be for illustrative purposes regarding the function and design of ComET only.

7:30 Registration Opens

8:30 Welcome and instruction to on-site and electronic participants
Jacqueline Patterson, TERA

8:35 Introduction of Health Canada's GPE Program and Objectives of ComET
Bette Meek, Health Canada

9:15 Presentation of ComET

A. Overview of Objectives, Approach and Components of ComET
Paul Price, The LifeLine Group

B. Concept and Construction of the "Sentinel Product": Criteria, information
Christine Chaisson, The LifeLine Group

C. Building algorithms and values for Sentinel Products: Data, Defaults,
Assumptions and Professional Best Judgments. Demonstration of the Model
Michael Jayjock, The LifeLine Group

Question/Answer Period

10:40 Break

11:00 D. The Environmental Component:

1.Explanation of DMER modeling using "unit emissions" into a standard
Canadian geological area. Estimating resultant concentrations in

environmental media and food from this release scenario. Jon Arnot,
DMER

2. Converting concentrations from unit emissions to actual concentrations estimated from actual, estimated or ascribed emission rates for the various DSLs. Michael Jayjock, LLG

3. Estimating human exposure from the environmental concentrations
Christine Chaisson, LLG

E. Instructions for Submission of Data, Policies for Consideration and Application of the Submissions
Christine Chaisson, LLG

F. Structure for Afternoon Break-out Sessions
Paul Price, LLG

G. Q/A Period as Time Permits (up to 12:30)

12:30 Instructions to On Site and Electronic Participants, Pick up Box Lunch
Jacqueline Patterson, TERA

12:50 Break out Sessions

A. ComET : Near field component (Lead: Chris Chaisson/Paul Price)

Focus Issues:

1. Opportunities for Improving Accuracy of Metrics used to characterize Sentinel Products. Replacing defaults and assumptions with data relevant to the sentinel product for any given compound.
2. Possible sources for data. Data evaluation and application: sources for expertise.
3. Incentive for data donors...reaching the informed audience and having the data provided to ComET
4. Options for technical improvement.

B. Environmental Component: Far field component (Lead: Mike Jayjock/John Arnot)

Focus Issues:

1. What is unique about this scheme to convert emissions into environmental and trophic level concentrations and then use these to estimate human exposure?
Michael Jayjock, LLG
2. Opportunities for improving the accuracy of proposed scheme to convert “unit emission” rates into a standard Canadian geological/geographical area into environmental media and food concentrations.

J. Arnot, DMER

3. Review the currently considered scheme for estimating or ascribing actual emission rates into the standard Canadian geological/geographical area.

Michael Jayjock, LLG

4. What are the potential incentives for data donors and how can we reach the informed and empowered sources that might provide data to ComET?

Michael Jayjock, LLG

5. Options for technical improvement not already covered above

Michael Jayjock, LLG

2:40 Break

3:00 Plenary Session: Summation and Conclusion (Lead: Chris Chaisson)

A. Summation from Session A and Discussion (Paul Price)

B. Summation from Session B and Discussion (Mike Jayjock)

4:40 Concluding Remarks

Bette Meek, Health Canada

4:55 Final session comments and instructions

Jacqueline Patterson, TERA

5:00 Adjourn