



LEMN Workshop 2.0 Agenda - Trends, Loadings, and Spatial Patterns (2000)

Sep 11th – 12th, 2000, Stull Interpretive Center, Presque Isle, State Park, Erie, Pennsylvania

For more information on the LEMN conference and workshop series, please visit the Lake Erie Millennium Network website: <http://www.lemn.org>

Day 1 – September 11th, 2000

11:45 Official welcome and opening (Kelly Burch - PADEP)

12:50 Introduction: History of the Lake Erie Millennium Plan, and goals of the process (Russ Kreis - US EPA)

Session I: Classes of compounds & their sources: Spatial/temporal trends & their relative importance:

1:00 Presentation: review LAMP Sources and Loadings document findings - what are the concerns? (Scott Painter)

1:30 Presentation: Spatial distribution of priority compounds (Dan Button - USGS, Columbus)

Review of sources (Jan Ciborowski, moderator):

2:00 Urban Point: Scott Painter - NWRI, Environment Canada

2:15 Diffuse: Donna Myers - USGS, Columbus

2:30 Comments and open discussion of presentations

2:45 Refreshment break

3:00 **Breakout Session 1:**

Issues/questions:

1. What are the priority classes of compounds - presently; in the future?
2. Which are bioaccumulative? Which media are most key to tracking these?
3. What are the likely modes of action/BUI impairments stemming from these?
4. Are research/monitoring programs presently in place potentially adequate if given appropriate resources?
5. At what scale/resolution must we monitor specific classes of compounds
 - a. in a sentinel capacity?
 - b. to understand processes?

4.30 Reconvene and summarize (Russ Kreis)

Day 2 – September 12th, 2000

Session II: Compartments & their relative loads of compounds; present & future; Relative importance?

Information session (Donna Myers, Moderator):

- 8:30 Sediments Chris Marvin - NWRI, Environment Canada
- 8:45 Water Scott Painter/John Struger - NWRI, Environment Canada
- 9:00 Benthic/benthivores Ken Drouillard - GLIER, University of Windsor
- 9:15 Aquatic piscivores Mike Whittle - GLLFAS, Fisheries & Oceans Canada
- 9:30 Terrestrial piscivores Cynthia Pekarik & Chip Weseloh - CWS, Environment Canada
- 10:00 **Breakout Session 2.** What are the most important elements of the matrices? How do we implement an adequate and feasible monitoring program? Can we assess reasonable detection limits for compartments based on known toxicity/guidelines at top of food web?
- 11:15 Reconvene and review (Donna Myers)

Section III: Emerging Chemicals

Information session (Scott Painter, Moderator):

- 1:00 Emerging Chemicals - novel substances John Gannon - Great Lakes Science Ctr., USGS
- 1:15 Emerging Chemicals - haloacetic acids Brian Scott - NWRI, Environment Canada
- 1:45 **Breakout session 3:** as per Breakout Session 2.
- 3:00 Reconvene and review (Scott Painter)
- 3:30 Summary, conclusions, recommendations (Russ Kreis)