Great Lakes-St. Lawrence Legislative Caucus

Web-Meeting

December 14, 2018 | 10 am EST/9 am CST
Housekeeping

- This event is being recorded. The recording will be available later today at www.greatlakeslegislators.org.
- To reduce noise on the phone lines, all participants will be in “listen-only” mode during the presentations.
- There will be time for questions after the presentations.
  - Click on the “raise hand” icon in the webinar console, or
  - Type questions using the “questions” pane in the webinar console.
- If you wish to speak, you must enter the audio PIN.
Welcome and Introductions

*Michigan Senator Darwin Booher, Chair, Great Lakes-St. Lawrence Legislative Caucus*

Featured Presentation

Documenting Results through Blue Accounting

*Victoria Pebbles, Program Director, Great Lakes Commission*

Business Session

- Report on Lead Reduction Action Plan
- 2019 Activities
  - Event Dates
  - Opportunities for Members
  - Member Survey and Recruitment
- Leadership Transition

Adjourn
About the GLLC

- The GLLC is a binational, nonpartisan group of state and provincial lawmakers from the Great Lakes region.
  - Two Canadian provinces: Ontario and Québec
- The Caucus has three primary goals:
  - Facilitate the regional exchange of ideas and information on key Great Lakes issues;
  - Strengthen the role of state and provincial legislators in the policymaking process; and
  - Promote the restoration and protection of the Great Lakes.
Featured Speaker

Victoria Pebbles
Program Director
Great Lakes Commission
vpebbles@glc.org
(734) 396-6079
Blue Accounting ErieStat

Tracking Progress Toward a Healthier Lake Erie
Great Lakes-St. Lawrence Legislative Caucus

December 14, 2018
A unified voice for the states and provinces
Great Lakes Commission

• Interstate compact agency established by the Great Lakes Basin Compact in 1955
• Received US Congressional consent in 1968
• Ontario and Québec joined in 1999
The Great Lakes Basin Compact purposes
(excerpted from Article I)

1. To promote the orderly, integrated, and comprehensive development, use, and conservation of the water resources of the Great Lakes.

2. To plan for the welfare and development of the water resources of the Basin.

3. To make it possible for the states of the Basin and their people to derive the maximum benefit from utilization of public works.

4. To advise in securing and maintaining a proper balance among industrial, commercial, agricultural, water supply, residential, recreational, and other legitimate uses of the water resources of the Basin.

5. To establish and maintain an intergovernmental agency the end that the purposes of this compact may be accomplished more effectively.
Great Lakes Commission Powers
(excerpted from Article VI)

- Collect and report data
- Recommend methods for orderly, efficient, balanced development, use and conservation
- Consider need for public works and improvements
- Consider means of improving and maintaining navigation and ports
- Consider means of improving fisheries
- Recommend uniform laws, ordinances, regulations
- Recommend compact amendments and supplementary agreements
- Cooperate with US, Canada, and party states
Great Lakes Commission

• 3-5 commissioners from each of the 10 states and provinces, including GLLC members:
  – Senator Rebekah Warren
  – Senator Carrie Ruud
  – Senator Ann Rest
  – Representative Jennifer Schultz
  – Representative Paul Torkelson
  – Representative Patrick J. Harkins

Executive Director Darren Nichols, dnichols@glc.org
Do our investments get us to the outcomes we desire?

Social, Economic and Environmental Issues

Institutional and Leadership Cooperation

The Great Lakes provide drinking water for 48 million people, fuel a $5 trillion regional economy, and create an invaluable sense of home and community for the basin via their scenic beauty and recreation.

The government agencies of two countries, eight states, two provinces, and 249 counties, as well as hundreds of NGOs and private businesses, make decisions that affect the lakes. We must work together to succeed.
How Blue Accounting Works

1. Convene
2. Select Goals and Metrics
3. Identify Strategies and Investments
4. Track Progress
5. Innovation in Information Delivery

Tracking Progress Toward a Healthier Lake Erie
Blue Accounting ErieStat

Aquatic Invasive Species

Coastal Wetlands

ErieStat

Maritime Transportation

Source Water

Tracking Progress Toward a Healthier Lake Erie
Steering Committee

• Marylou Renshaw, Indiana Department of Environmental Management
• Michelle Selzer, Michigan Department of Natural Resources
• Sandra Kosek-Sils, Ohio Lake Erie Commission
• Tim Bruno, Pennsylvania Department of Environmental Protection
• Don Tuxhill, New York Department of Environmental Conservation
• Santina Wortman, Environmental Protection Agency
• Ontario and Canada representatives – to be determined

*Topical sub-groups and newly-formed Content Advisory Group also provide direction*
Website structure

• Overview
• Strategies
• Investments
• Results
• Resources
Groups collaborate to identify shared goals, metrics, & data requirements, then...

**DATA** inform **METRICS** to measure & report on progress toward the shared goal(s)

**Strategies** are implemented to achieve identified **GOALS**

**METRICS** are developed to track progress toward **GOALS**

**Investments** implement strategies & generate **DATA**

---

Conceptual Model for Platform Content, April 2018
Supporting the Adaptive Management Process

Strategies
- Who?
- What?
- When?
- Why?

Investments
- Where?
  - Maps detailing implementation
- How much?
  - Scope/extent
  - Change over time
  - Dollars
- How? (technology)

Results
“Big Picture” view on progress toward shared phosphorus reduction goals
Website structure

- Overview
- Strategies
- Investments
- Results
- Resources

Tracking Progress Toward a Healthier Lake Erie
The U.S. and Canada set phosphorus reduction goals (40 percent of 2008 loads) for eight priority tributary watersheds for both total and soluble reactive phosphorus (SRP) during March-July. SRP refers to phosphorus that is in a dissolved state and is of particular interest because it is the easiest form of phosphorus for algae to use to fuel growth.

The targets for these tributaries are expressed in terms of the flow weighted mean concentration (FWMC) – which is a way to normalize the load for flow. This is important because much of the load is delivered during storm events. It means that efforts to reduce the load must also include efforts to reduce the amount of flow (runoff). FWMC also provides an important backstop and relative measure of whether phosphorus control efforts are actually having an impact. For example, in a dry year the load may be low due to less runoff, but the FWMC will still be high if the proportion of phosphorus in that runoff is high.

The calculation of spring load requires high frequency flow and water quality monitoring, which is now in place for all nearshore priority tributaries. Not all tributaries had monitoring in place going back to 2008.

Click on the watershed of interest to see available data.

https://www.blueaccounting.org/result/spring-phosphorus-targets
Results: Maumee Spring Phosphorus
Looking forward

• Further develop Strategies content
• Add Investments
• Enhance results to include metrics for land and improved lake metrics
• Continue to build strategic partnerships
Next steps for GLLC

_ErieStat:_
- Continued engagement through Content Advisory Group (Lisa Janairo is a member)
- Appoint staff to serve on sub-groups

_Blue Accounting_
- Regular briefings from GLC during Policy Institute
- Consider role on Blue Accounting Advisory Committee
- Provide feedback on content on site and what would be useful to you, your staff, and your constituents

Interested? Have other ideas?
Contact Tawny Mata, Director of Strategic Engagement at tawny.mata@tnc.org
Questions?

www.blueaccounting.org
Lead Reduction Action Plan

- 2018 Great Lakes-St. Lawrence Policy Institute
  - Pilot of a new core activity to address issues on the Caucus’s policy agenda
  - Focus on eliminating lead in drinking water

- Outcomes
  - Long-term: State and provincial policies to reduce exposure to lead in drinking water
  - Near-term: Position statement and action plan

- Task Force on Lead
Lead Reduction Action Plan

Action Plan
  o Phase 1
    ▪ Test all schools (pre-K through 12) and all licensed childcare facilities, including daycare homes, and group daycare homes for lead in drinking water.
    ▪ Increase public awareness/education about the dangers of lead in drinking water, such as lead content in fixtures, efficacy of lead testing, and labeling of filters.
    ▪ Encourage an inventory of lead service lines and future management plans in each municipality.
    ▪ Evaluate the EPA’s Lead and Copper Rule and any proposed changes.
Lead Reduction Action Plan

Action Plan

- Phase 2: Increase investment in lead service line replacement.
  - Identify existing sources of funding.
  - Improve access to affordable financing for private service line replacement.
Lead Reduction Action Plan

Next Steps for the Task Force on Lead

- Recruit new members to represent Michigan, New York, and the provinces of Ontario and Québec
- Complete the data gathering project
- Conference call on January 18 to review the essential elements
- Distribute Action Plan and essential elements to GLLC members
- Report on progress during March 1 web-meeting
- Gather for workshop in Chicago in conjunction with the 2019 Annual Meeting of the GLLC in September
- Arrange a session on lead in drinking water at the Annual Meeting
- Sponsor a session at the Midwestern Legislative Conference Annual Meeting in July, also in Chicago

The 2018 pilot Great Lakes-St. Lawrence Policy Institute was made possible by a generous grant from the Joyce Foundation.
2019 Activities

● Event Dates
  o Patricia Birkholz Institute for Great Lakes-St. Lawrence Policy in late 2019 in Michigan
  o GLLC 2019 Annual Meeting in Chicago on September 13-14
  o Quarterly Web-Meetings on March 1, June 7, September 6, and December 6
2019 Activities

● Opportunities for Members
  o Serve on committees or task forces
    ▪ Task Force on Lead
    ▪ Birkholz Institute Steering Committee
    ▪ Great Lakes-St. Lawrence Appreciation Day Task Force
  o Represent the GLLC at various events

● Member Survey and Recruitment
Leadership Transition
Executive Committee 2017-2018

Representative David Maturen
Michigan

Representative Dan Ramos
Ohio

Representative Nick Milroy
Wisconsin
GLLC Officers 2019-2020

Senator Ed Charbonneau
Indiana
*Chair*

Representative Robyn Gabel
Illinois
*Vice Chair*
Thank you for attending!

Please join us at this same time on March 1, 2019!