

## Understanding Lake Water Quality Data Workshop

Thursday, August 3, 2017, 1- 4 p.m.

County of Lanark Council Chambers, 99 Sunset Blvd., Perth, ON

**1 p.m. Welcome and introductions** – *Karen Hunt/Lake Networking Group*

**1:15 p.m. Cataraqui Region Conservation Authority (CRCA) Lake Reports**

- Overview of the Cataraqui Region
- Description of Lake Assessment Report / highlights, related fact sheets and resources
- Importance of Citizen Science
- Plans for Subsequent Lake Reports
- Equipment Lending Opportunities

*Holly Evans/ Watershed Planning Coordinator / Cataraqui Region Conservation Authority*

**1:40 p.m. Rideau Valley Conservation Authority (RVCA) Watershed Watch Program**

- Overview of what parameters are analyzed for the Watershed Watch program and why
- How data is analyzed and interpreted (including the Water Quality Index as a summary tool)
- Discuss any changes in the monitoring program that could be made to allow for better information/management for lake users and property owners

*Sarah MacLeod-Neilson / Surface Water Quality Co-ordinator / Rideau Valley Conservation Authority*

**2:05 p.m. Break** – Refreshments (courtesy of MVCA) and Networking

**2:20 p.m. Mississippi Valley Conservation Authority (MVCA) Watershed Watch Program**

- Looking at frequency of monitoring, parameters chosen to study and why,
- Possible differences in sampling methodology between the various CAs and the Lake Partners program
- How can data be best presented/analyzed in ways that are most useful to lake associations?

*Kelly Stiles | Aquatic Biologist | Mississippi Valley Conservation Authority*

*Alyson Symon | Watershed Planner | Mississippi Valley Conservation Authority*

**2:45 p.m. Lake Partner Program**

- Goal/scope of the Lake Partner Program. How does the Program work?
- Why does the LPP analyze Total Phosphorus and Calcium specifically?
- What use is made of the Secchi Depth measurement data?
- What is being learned about Ontario lakes through the analysis of the data that is collected through the Lake Partner Program?

*Dr. Andrew Paterson / Inland Lakes Research Scientist / Dorset Environmental Science Centre/  
Ontario Ministry of the Environment and Climate Change*

**3:10 p.m. Discussion with Panel :** Holly Evans (CRCA), Sarah Macleod-Neilson (RVCA), Alyson Symons (MVCA), Kelly Stiles (MVCA), Dr. Andrew Paterson (Lake Partner Program)

- An opportunity for workshop participants to ask their questions about water quality data analysis and interpretation and other related topics

**3:50 p.m. Wrap-up**

What have we learned? Where do we go from here?

With increased knowledge about lake health/or challenges to lake health, how can lake associations best respond?

*Terry Rees/ Executive Director/ Federation of Ontario Cottagers' Associations (FOCA)*

With sincere thanks to everyone who participated in today's workshop.

Special thanks to the **County of Lanark, Mississippi Valley Conservation Authority, Rideau Valley Conservation Authority, Cataraqui Region Conservation Authority, the Lake Partner Program (MOECC) and the Federation of Ontario Cottagers' Associations.**