

Lake Water Quality Program 2004 Annual Report



Lana McKinnon

Lake Water Quality Program Co-ordinator

History - Lake Water Quality Program



■ Report to Council (July 2000)

- Introduction of lake water quality issues to Council.
- Who has jurisdiction over the lakes?
- What is the role of the City?

■ Workshop of Community Stakeholders (Sept 2000)

- Consultation with lake water experts, agencies, and citizens.

■ Commitment from Council

- Start up budget for 2001
- Hire lake water program co-ordinator
- Undertake lake sampling program
- Establish website
- Establish lake stewardship committees
- Establish Lake Advisory Panel

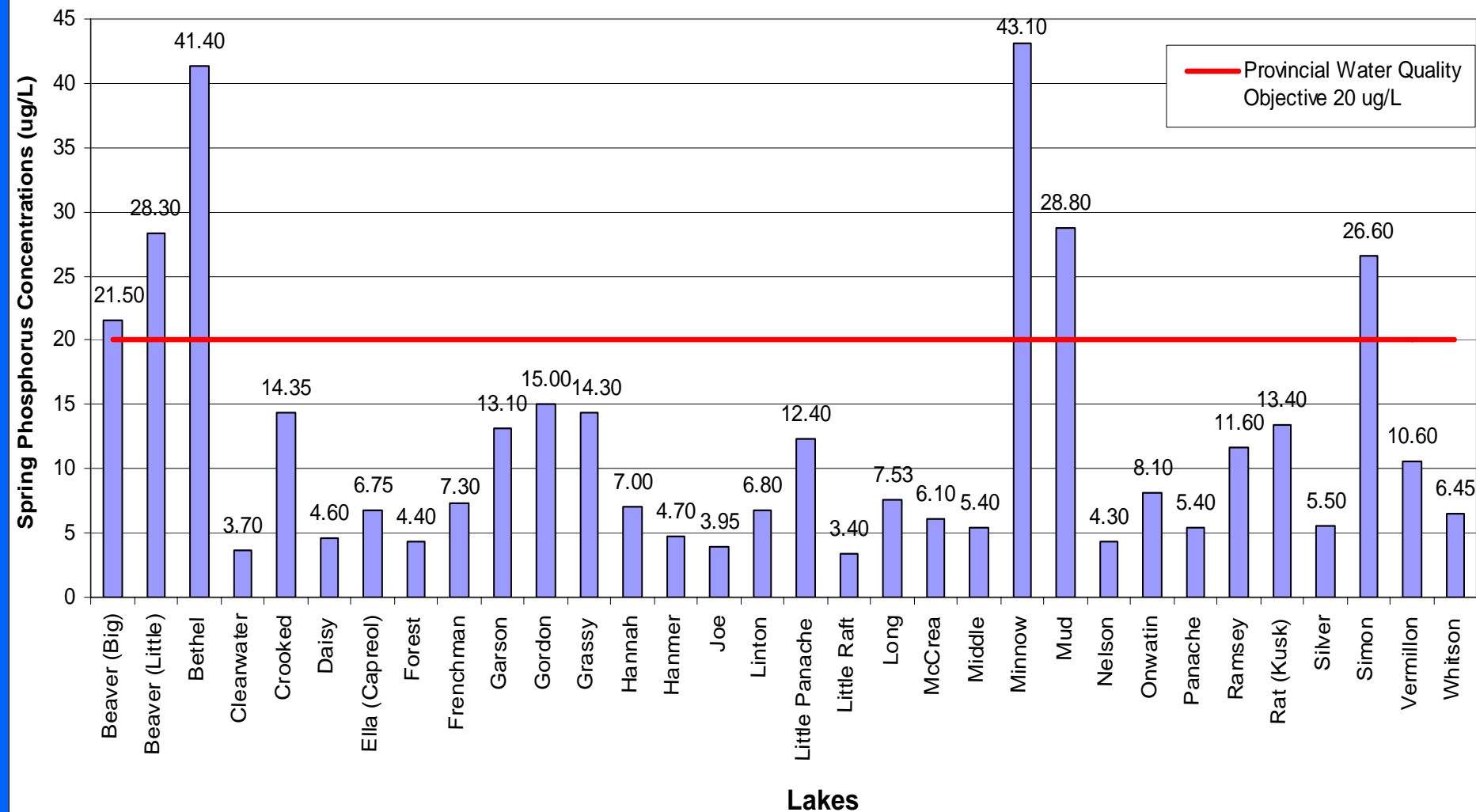
Summary of Accomplishments



- Spring Phosphorus Sampling of 32 lakes
- Lake Advisory Panel Appointments
- Community Monitoring Programs
- Web Site Improvements
- Living With Lakes Forum
- Information Sharing with Muskoka Lakes
- Recent Graduates Work Experience

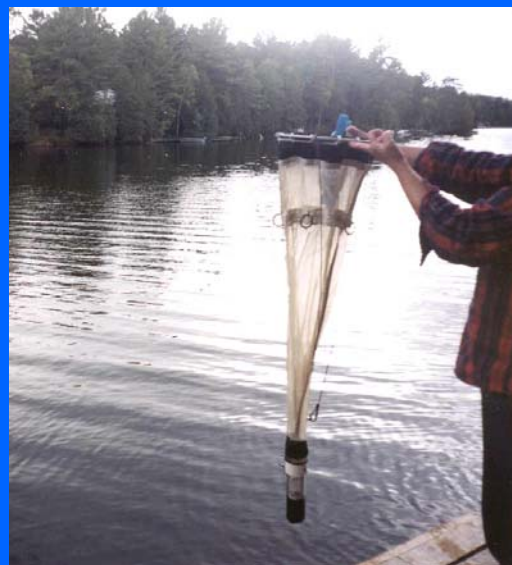
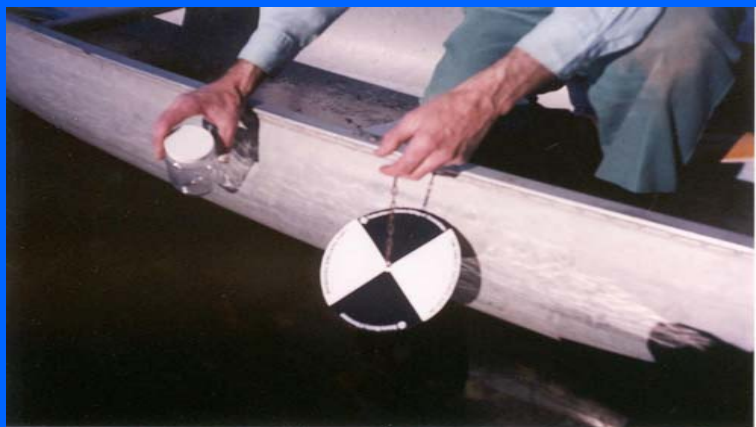
Spring Phosphorus Results

2004 Spring Phosphorus Sampling Results

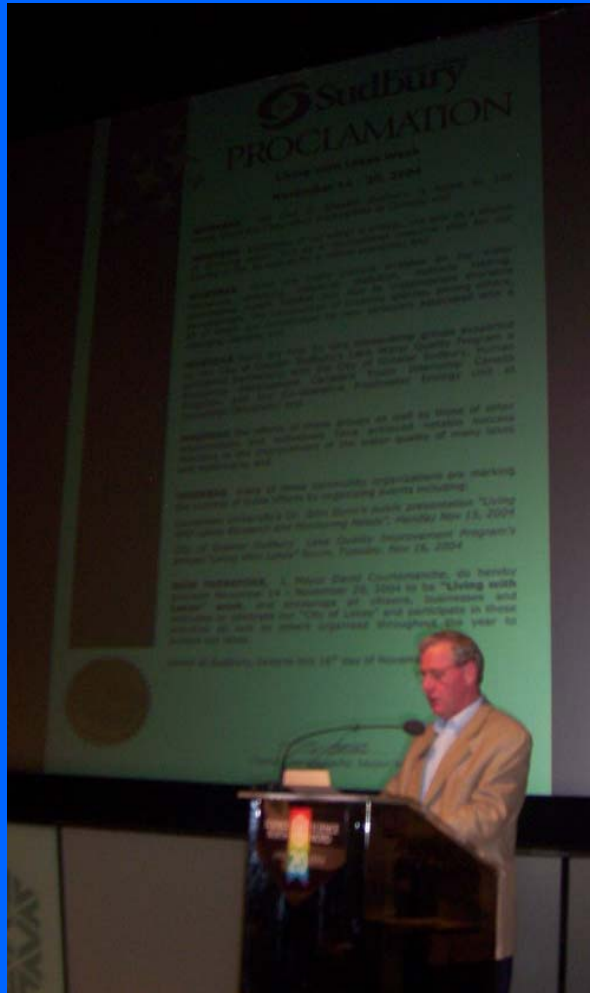


Community Based Monitoring

- Lake Partner Program
- Loon Survey
- Invasive Species Watch
- Great Canadian Shoreline Cleanup



Living With Lakes Forum



Co-operative Freshwater Ecology Unit Partnership

- Fisheries Survey on 25 city lakes
- Bathymetric Mapping of 16 city lakes



Web site

www.greatersudbury.ca/lakewaterquality

- Search Word "City of Lakes"
- Growth and Development Department
- Electronic Learning Tool
- New Lake History Section

Partners

- **Cash**

- City of Greater Sudbury

- **Labour**

- Human Resources Development Canada

- **In-kind/Materials**

- Co-operative Freshwater Ecology Unit

- Ministry of Environment

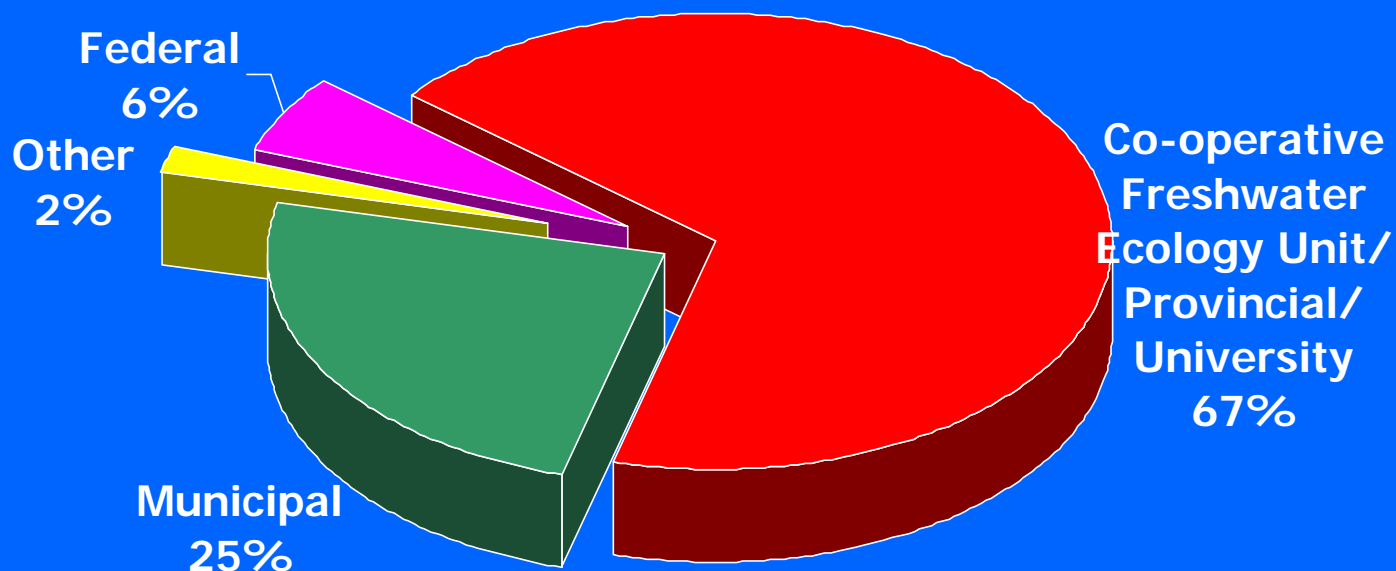
- Ontario Federation Anglers Hunters

- Nickel District Conservation Authority

- Sudbury and District Health Unit

- Lake Stewardship Groups

Funding Summary



Lake Improvement Advisory Panel



- Second Term appointed in March 2004
- Membership of 2 Councillors, 6 volunteers and 6 technical experts
- Held 5 meetings to date
- Organized successful Living With Lakes Forum
- Provided input into Rural/Waterfront background study
- Term expires November 2006

Lake Advisory Panel Members



Councillor Janet Gasparini

Councillor Eldon Gainer

Volunteer members:

- Austin Davey, Chair
- Elin Maki Flora
- André Ferron
- Bernard Gervais
- Perry Kirkbride
- Graeme Spiers

Technical experts:

- John Gunn
- Bill Keller
- Paul Sajatovic
- Ed Gardner
- David Pearson
- MNR designate

Recommendations: Lake Stewardship

- Continue to support and encourage lake stewardship groups and help them deal with their individual issues.
- Investigate the means and methods to support lake stewardship groups.
- Provide additional resources in support of lake stewardship

Lake Stewardship Assistance



■ WHY?

- Request from the lake groups
- Examples:
 - Bacteriological testing kits
 - Native vegetation planting
 - Cost of incorporation/non-charitable status
 - Special events
 - Lake Plans
 - Others

■ HOW?

- Earmark funds for lake groups - \$5,000
- Criteria & final decisions decided by Advisory Panel
- Projects observed by Lake Water Quality Program
- Evaluation after 1 year

Looking Ahead

- Water Quality Monitoring
- Lake Stewardship Assistance
- Lake Stewardship Workshops
- Lake History Research
- Partnerships & Funding

