

# **Presentations and Delegations**

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# Request for Recommendation Priorities Committee



Type of Decision									
Meeting Date	Wednesday, February 9, 2005				Report Date	January 12, 2005			
Recommendation	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Priority	<input type="checkbox"/>	High	<input checked="" type="checkbox"/>	Low
	Direction Only				Type of Meeting	<input checked="" type="checkbox"/>	Open	<input type="checkbox"/>	Closed

Report Title
Lake Water Quality Program 2004 Annual Report and Lake Stewardship Assistance Request

Policy Implications + Budget Impact	
<input checked="" type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified
<p>No new funds are being requested. The source of funds will be from Councils approved budget allocation for the Lake Water Quality Program.</p>	
<input type="checkbox"/>	Background attached

Recommendation	
<p>That the Council of the City of Greater Sudbury recognize the achievements of the Lake Water Quality Program and the value of the program to the quality of life in the city, and support the on-going initiatives of this program, and further,</p> <p>That Council approve the sum of \$5,000.00 from the Lake Water Quality budget to be used to assist the initiatives of lake stewardship groups in achieving their goals of healthy waterfront living.</p>	
<input checked="" type="checkbox"/>	Recommendation attached

Recommended by the General Manager
 Doug Nadozny General Manager of Growth and Development

Recommended by the C.A.O.
 Mark Mieto Chief Administrative Officer

**Report Authored By**


Lana McKinnon  
Lake Water Quality Program Co-ordinator

**Division Review**


Bill Lautenbach  
Director of Planning Services

**PRESENTATION SUMMARY**

This presentation reviews the 2004 Annual Report of the Lake Water Quality Program and describes the accomplishments of the program, outside funding sources, and partnerships. This presentation also summarizes the accomplishments of the Greater Sudbury Lake Improvement Advisory Panel for the current term. A copy of the 2004 Annual Report has been circulated under separate cover. A brief summary of the Annual Report follows:

**BACKGROUND****LAKE WATER QUALITY PROGRAM**

The Lake Water Quality Program is a field-based program that monitors the water quality of urban lakes. The program aims to safe-guard the supplies of potable water, improve the ecological health of our lakes, maintain a healthy fisheries and support the creation of lake stewardship groups. All of the information collected is be used to establish a long-term database of water quality indicators so that trends in water quality and ecological lake health can be identified and appropriate management decisions be made to protect our lakes. The lake water quality program also provides assistance and manages a resource network for lake and watershed stewardship groups.

**PARTNERS**

The success of the Lake Water Quality Program is due in large part to the effectiveness and collaboration of the strategic partnerships engaged in the program. In 2004, the Lake Water Quality Program was a successful partnership with the City of Greater Sudbury, Human Resources Development Canada's Youth Internship Canada Program and the Co-operative Freshwater Ecology Unit.

**1) List of Other Partners**

- Nickel District Conservation Authority
- Sudbury and District Health Unit
- Ministry of the Environment
- Ministry of Natural Resources
- 31 Lake Stewardship Groups

## 2) Summary of Activities and Accomplishments

A summary of the activities and accomplishments of the 2004 Lake Water Quality Program include the following:

- |   |                             |
|---|-----------------------------|
| • Spring phosphorus sampling              | 32 lakes                    |
| • Water Chemistry                         | 15 chemical parameters      |
| • Presentation to lake stewardship groups | 4 presentations             |
| • Active lake stewardship groups          | 31 lake groups              |
| • Requests from lake residents/groups     | 16 requests for information |
| • Number of youth employment positions    | 2 interns for one-year      |
| • Living With Lakes Forum                 | 100 people attended         |

## LAKE IMPROVEMENT ADVISORY PANEL

The Lake Improvement Advisory Panel is a panel of City Council appointed by Council to provide advice and recommendations to the municipality on matters relating to lake water quality. The Panel is currently made up of 2 city councillors, 6 community volunteers, and 6 local water quality experts. Since their appointment the Panel has had 5 meetings and hosted a very successful Living With Lakes Forum, an annual event held in November. The 3 year term of appointment for the lake advisory panel will expire with the term of City Council at the end of November 2006.

### 1) Members

The members of the current Lake Improvement Advisory Panel are:

- Councillor Janet Gasparini
- Councillor Eldon Gainer
- Austin Davey, Chair
- Bernard Gervais
- Elin Maki-Flora
- André Ferron
- Perry Kirkbride
- Graeme Spiers
- John Gunn - Co-operative Freshwater Ecology Unit/MNR
- Bill Keller - Co-operative Freshwater Ecology Unit/MOE
- David Pearson - Co-operative Freshwater Ecology Unit - Urban Lakes Group
- Ed Gardner - Sudbury and District Health Unit
- Paul Sajatovic - Nickel District Conservation Authority

### 2) Recommendations

Advisory Panels make their recommendations known to the municipality by way of an Annual Report. The following are the recommendations made by the Lake Improvement Advisory Panel:

#### Official Plan:

- Recognize in the Official Plan the nine long-term ecological monitoring lakes (Clearwater, Daisy, Hannah, Joe, Labelle, Lohi, Middle, Nelson, Swan).
- Investigate and implement a voluntary septic system re-inspection program.
- Investigate and implement stormwater runoff retention/filtration best practices opportunities

**Lake Water Quality:**

- Expand the lake water quality program to adopt the Lake Trout and Loon as icons.
- Support a Pesticide Management Plan in the City.
- Continue to develop and support the lake water quality website as a learning tool for lake resources.
- Continue to develop and recognize the support of existing and new partnerships with various interest groups and organizations.
- Support the development of a Living with Lakes Centre on Ramsey Lake.

**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 groups.

**LAKE STEWARDSHIP ASSISTANCE**

Lake Stewardship Groups are the driving force behind the initiatives to maintain and improve the water quality of the lakes and also to rehabilitate their shorelines. Many groups have requested assistance from the City of Greater Sudbury in order to continue with these efforts. The Greater Sudbury Lake Improvement Advisory panel has proposed that \$5,000 from the Lake Water Quality budget be earmarked to support lake stewardship groups with a variety of endeavors such as: native vegetation planting, bacteriological testing, septic system maintenance, incorporation and/or charitable registration fees. In order to be eligible for funding, lake stewardship groups would be required to submit a proposal outlining the activity and how the money will be used. The members of the Lake Improvement Advisory Panel would be responsible for developing criteria, overseeing the applications and deciding which groups are eligible. At the end of the year, the assistance program will be evaluated to determine its success and effectiveness.