



Lake Planning

...the health of your
lake depends on it!

French Planning Services Inc
www.frenchplanning.com

What is a Lake Plan

... it is an action plan that is developed by the community to reflect and preserve the special character of your lake!



Purpose of a Lake Plan

- Identify and protect lake values
- Promote community discussion and action
- Educate and Communicate
- Set Environmental & Social Objectives
- Recommend Land Use Policy
- Stewardship Actions

....process is as important
as the product !



The growing environmental ethic...

- MNR Lake and River Planning ... 1970's
- Lakealert ... 1970's
- North Saskatchewan ... 1974
- Lakeshore Capacity Study ... 1983
- Recent revival ... Stewardship Councils and Lake Associations

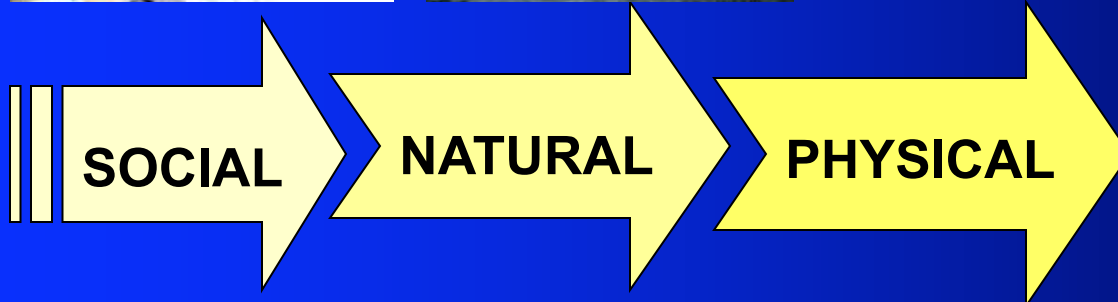
Visualize Your Lake



Quality of Life



*Land Use
Regulation*



**QUALITY
OF LIFE**



*Stewardship
Approaches*

Carrying Capacities



Water Quality

Aesthetics

Wildlife Habitat

Cultural Historic

Fish Habitat

Crowding

Vegetation

NATURAL

SOCIAL

Boating Limits

Watershed

Recreation

Topography

PHYSICAL

Hazardous Areas

Land Capability

Existing Development

Soils



Understanding Big Words

...the kool-aid experiment



Contents of a Plan

- **The Vision**
- **Lake Description**
- **Natural Elements**
- **Physical Elements**
- **Social Elements**
- **Land Use Review**
- **Issues, Causes and Remedies**
- **Actions**

The Vision

Fairy Lake Vision

The Fairy Lake Community envisions the Lake to be a place where:

The beauty of the landscape, the tranquility of the surroundings and the quality of the water are preserved;

Wildlife, fish, and plant habitat are safeguarded;

The community is actively involved in stewardship;

There is an appropriate balance between economic development and the preservation of the environment; and

Local residents and visitors to Muskoka will have access to the lake's recreational opportunities.

Lake Description

Historical Development

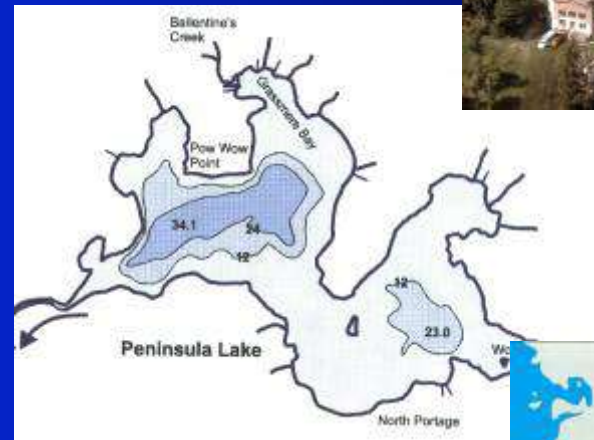
Location

Bathymetry

Watershed

Water Levels

Access and Ownership



Natural Elements

- Water Quality
- Shoreline Vegetation
- Wetlands
- Streams
- Fish and Wildlife
- Exotic Species
- Endangered Species



Physical Elements

- Soils
- Floodplains
- Mineral Aggregates
- Forestry
- Narrow Waterbodies
- Steep Slopes



Social Elements

- Boating
- Cultural and Historic Sites
- Landscape and Aesthetics
- Noise and Light



Land Use Review

- Current land use
- Future Growth Plans
- Municipal Policy
- Enforcement

Issues

1. Protection of Water Quality

2. Appropriate Economic & Property Development

3. Maintenance of Natural Habitats

4. Maintenance of Cultural, Historic Features

5. Protection of Landscape & Aesthetics

6. Improve Social Life

7. Maintain Natural Shorelines

Causes

DEVELOPMENT

RE-DEVELOPMENT

HUMAN ACTIVITIES

NATURAL OCCURRENCES

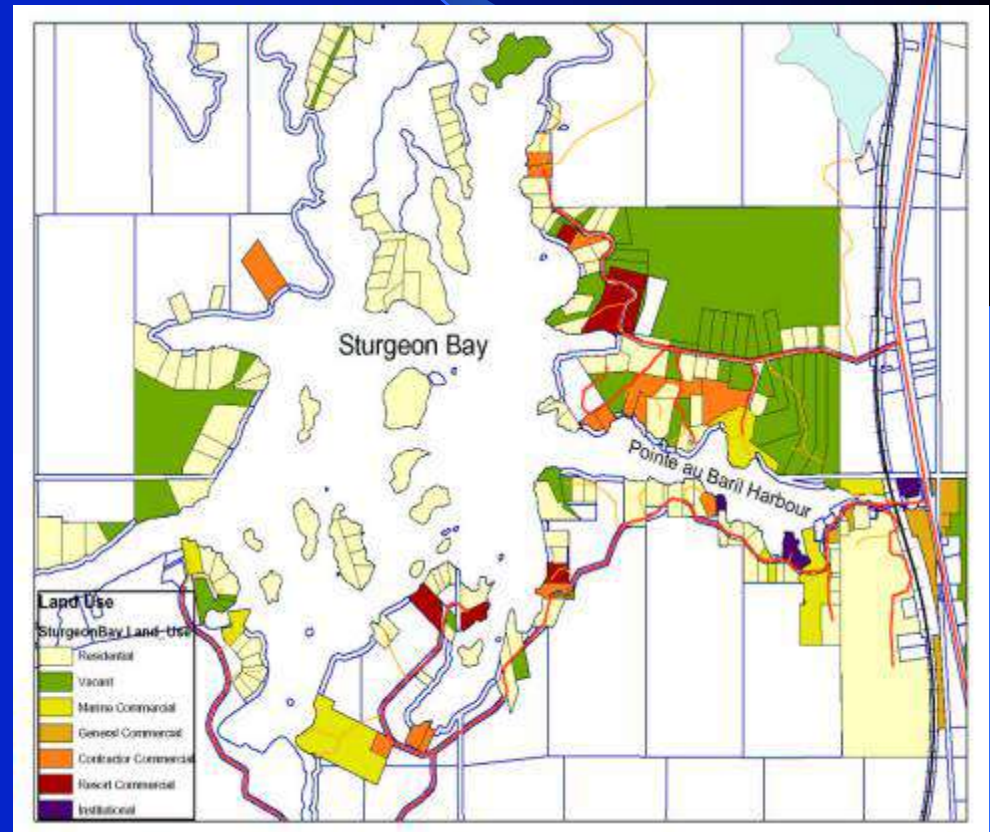
Remedies

LAND USE PLANNING

STEWARDSHIP

Land Use Actions

- Official Plan Policy
- Zoning By-laws
- Site Plan Control
- Stormwater Guidelines



Stewardship Actions

Awards Program
Communication Plan
Shoreline Rehabilitation
Loon Inventory
Boating Awareness



How to prepare a Lake Plan

Step One	Getting Started
Step Two	Collect Background Information
Step Three	Confirm Issues and Strategies
Step Four	Prepare Draft Plan
Step Five	Review Draft Plan
Step Six	Endorse Plan

Step 1

Step 1 - Getting Started

Step 2 - Collect Background Information

Step 3 - Confirm Issues

Step 4 - Prepare Draft Plan

Step 5 - Review Draft Plan

Step 6 - Endorse Plan

- **Set up steering committee**
- **Hold start up meeting**
- **Confirm purpose, scope, timelines and schedule**
- **Newsletter #1 - intent**

Step 2

Step 1 - Getting Started

Step 2 - Collect Background Information

Step 3 - Confirm Issues

Step 4 - Prepare Draft Plan

Step 5 - Review Draft Plan

Step 6 - Endorse Plan

- Hold stakeholder workshop
- Hold resident workshop
- Conduct surveys
- Collect background information

Step 3

Step 1 - Getting Started

Step 2 - Collect Background Information

Step 3 - Confirm Issues

Step 4 - Prepare Draft Plan

Step 5 - Review Draft Plan

Step 6 - Endorse Plan

- **Newsletter #2 – summary of information/issues**
- **Hold workshop #3**
- **Review findings and finalize background report**

Step 4

Step 1 - Getting Started

**Step 2 - Collect Background
Information**

Step 3 - Confirm Issues

Step 4 - Prepare Draft Plan

Step 5 - Review Draft Plan

Step 6 - Endorse Plan

- **Prepare draft plan**
- **Circulate for internal comment**
- **Review with Steering Committee**

Step 5

Step 1 - Getting Started

Step 2 - Collect Background Information

Step 3 - Confirm Issues

Step 4 - Prepare Draft Plan

Step 5 - Review Draft Plan

Step 6 - Endorse Plan

- **Make plan available for review**
- **Newsletter #3**
- **Hold meeting to confirm consensus**
- **Receive comments and adjust**

Step Six

Step 1 - Getting Started

Step 2 - Collect Background
Information

Step 3 - Confirm Issues

Step 4 - Prepare Draft Plan

Step 5 - Review Draft Plan

Step 6 - Endorse Plan

- **Seek final approval
at AGM**

Approaches

- Self Directed



- Consultants



- Combination



5 Lessons Learned

- Take time to get organized
- Process is as important as the product
- We = Us + Them
- Partnering
- Use Community Resources

Cost\$\$\$\$

- What can you afford? ...a tin boat or cruiser
- Fundraising
 - Fund organizations
 - Membership fees and donations
 - Corporate donations
 - Cook books
 - Art auctions
- Ways to reduce costs

Working with Volunteers

- Project plan
- Setup a system
- Understand and Communicate your needs
- Recruiting
- Prevent Burnout

www.evergreen.ca

www.volunteer.ca

References and Contacts

- **Evergreen Volunteer Manual**
- **FOCA**
- **Living By Water**
- **Conservation Authorities**
- **French Planning Services**

What you can do now?

1. Is your shoreline less than 75% natural?
2. Have you removed natural vegetation?
3. Do you use lawn fertilizer?
4. Do you use powdered dish detergent?
5. Do you cut the lawn within 66 ft of shore?
6. Have you pumped your septic in last 3-5 years?

Brought to you by



**Leeds County Stewardship Council
Community Stewardship Council of Lanark County**

Frontenac County Stewardship Council

Rideau Valley Conservation Authority

Mississippi Valley Conservation Authority

Cataraqui Region Conservation Authority

Centre for Sustainable Watersheds

Friends of the Tay Watershed



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