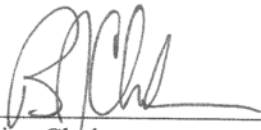


# AMBROSE LAKE ECOLOGICAL RESERVE

## PURPOSE STATEMENT

March 2003

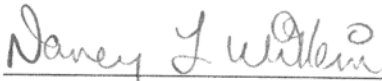
Approved by:



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Brian Clark  
Regional Manager  
Environmental Stewardship Division

March 13/03

Date:



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Nancy Wilkin  
Assistant Deputy Minister  
Environmental Stewardship Division

March 23/03

Date:

## **Ambrose Lake Ecological Reserve Purpose Statement**

Ecological reserves are areas selected to preserve representative and special natural ecosystems, plant and animal species, features and phenomena. The key goal of ecological reserves is to contribute to the maintenance of biological diversity and the protection of genetic materials. All consumptive resource uses and the use of motorized vehicles are prohibited. Research and educational activities may be carried out but only under permit.

### **Primary Role**

The **primary role** of Ambrose Lake Ecological Reserve is to preserve a small coastal lake, adjacent bog land, and surrounding forest. Interesting bog land values along the northern margin of Ambrose Lake and along its outlet stream are of particular importance. These values are of limited extent outside of the ecological reserve and are relatively rare within the southwestern portion of the Province.

| <b>Known Management Issues</b>   | <b>Response</b>   |
|--|---|
| Some recreational hiking and walking occurs within the ecological reserve and has potential to impact protected values.  | Monitor impacts and initiate appropriate management actions as needed (e.g. signage, restrictions on activities).   |
| Forestry or development activities in DL 5399 and 5400 immediately to the north of the ecological reserve could create changes in nutrient or water flow into the Ambrose Lake watershed system. | Monitor activities in close cooperation with Ministry of Forests and forest licensees and assist in the development of management actions which protect the ecological reserve's values. If feasible, add lots to ecological reserve. |

### Conservation

- Representation  
- ecosection  Minor contributor to the underrepresented Georgia Lowland (GEL) Ecosection. 8.44% of this ecosection is protected and Ambrose Lake Ecological Reserve contributes 2.33% of the overall protected areas system representation of this ecosection.
- biogeoclimatic subzone/variant  Minor contributor to underrepresented CWHdm subzone. Only 5.89% of this unit is protected and Ambrose Lake Ecological Reserve contributes only 0.83% of the overall protected areas system representation of this unit.
- Special Feature  Bog lands and small undisturbed low elevation lake.
- Rare/Endangered Values  Possible presence of coastal cutthroat trout and amphibian species.
- Scientific/Research Opportunities  Bog land and small lake values.

### Recreation

- Representation  
backcountry  None, not appropriate within this ecological reserve.
- destination
- travel corridor
- local recreation
- Special Opportunities
- Education/Interpretation Opportunities  None due to sensitivity of site.

### Cultural Heritage

- Representation  Unknown.
- Special Feature  Unknown.

### Other Management Considerations

- Other Designations
- Relationship to other PAs
- Co-operative Management Arrangements
- Partnerships  Volunteer warden
- Vulnerability  Vulnerable to hydrologic disturbances to watershed.

Relationship to other Strategies



**Area:** 228 ha

**Date of Establishment:** August 13, 1971