

# TACHEEDA LAKE ECOLOGICAL RESERVE

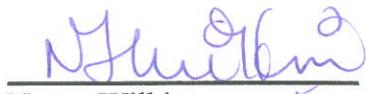
## PURPOSE STATEMENT AND ZONING PLAN Omineca Region 2005

Approved by:



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Date: Oct 31 2005

## **Tacheeda Lakes Ecological Reserve (ER # 41) Purpose Statement**

Tacheeda Lakes Ecological Reserve is located 80 kilometers north of Prince George, 2.5 kilometers southeast of Tacheeda Lakes. The ecological reserve is 526 hectares in size, and protects mature forest ecosystems representative of the Sub-Boreal Spruce wet cool Willow (SBS wk1) biogeoclimatic subzone variant and its transition with the Engelmann Spruce-Subalpine Fir Zone. Forest stands are dominated by white spruce, and small areas at higher elevations support subalpine forest vegetation.

The ecological reserve lies in an area of rolling wooded hills between the Parsnip and Crooked rivers, and includes the southwestern slopes of Tacheeda Mountain. There is one small lake, a wetland, and a few small scattered bogs within the ecological reserve.

### **Primary Role**

The primary role of Tacheeda Lakes Ecological Reserve is to protect the mature forest ecosystems representative of the wet cool Sub-Boreal Spruce subzone and its transition with the Engelmann Spruce-Subalpine Fir Zone. Some good size Douglas-fir trees occur here close to their northern limits in these longitudes.

<b>Known Management Issues</b>	<b>Response</b>
Boundary irregularity	Prepare an Official Plan (i.e. mapped boundary legal description) clearly indicating the ecological reserve's boundaries.

## CONSERVATION

### Representation

- ecosection
  
- biogeoclimatic subzone/variant

Situated in the very poorly represented McGregor Plateau Ecosection. Only 0.64% of this ecosection is protected provincially. The ecological reserve is one of 5 protected areas contributing to the representation of this ecosection. Although small, the ecological reserve contributes 11.85% of the overall protected areas system representation of this ecosection, placing it second behind Purden Lake Provincial Park (75.64%).

Contributes minimal representation of the Sub-boreal Spruce wet cool, Willow variant (SBS wk1) and Engelmann Spruce-Sub-alpine Fir wet cool, Misinchinka variant (ESSF wk2).

The majority of the ecological reserve (~90%) is in the SBS wk1, which is 3.8% protected provincially; the ecological reserve contributes 1.4% of the overall protected areas system representation of this subzone.

The remainder of the reserve is in the ESSF wk2, which is 10.9% protected provincially; the ecological reserve contributes only 0.4% of the overall protected areas system representation of this subzone.

### Special Feature

### Rare/Endangered Values

Unknown

### Scientific/Research Opportunities

### Representation:

- backcountry
- destination
- travel corridor
- local recreation

### Special Opportunities

### Education/Interpretation Opportunities

Forest ecology.

## RECREATION

## CULTURAL HERITAGE

**Representation**

**Special Feature**

### OTHER MANAGEMENT CONSIDERATIONS

**Other Designations**

**Relationship to Other PAs**

**Co-operative Management Arrangements**

**Partnerships**

Ecological Reserve Warden (Sandra Kinsey, appointed February 1989)

**Vulnerability**

The Conservation Risk Assessment Process identified 2 low risk factors (the shape, and the size of the area) for the ecological reserve. One stressor/threat was identified for the ecological reserve: a temporary trail which was rated as low significance.

**Relationship to Other Strategies**

**Area:**

526 hectares

**Date of establishment:**

September 1, 1972