

TACHEEDA LAKE ECOLOGICAL RESERVE

PURPOSE STATEMENT AND ZONING PLAN Omineca Region 2005

Approved by:



Don Cadden,
Regional Manager
Environmental Stewardship Division
Omineca Region

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Nancy Wilkin
Assistant Deputy Minister
Environmental Stewardship Division

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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.

Known Management Issues	Response
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

RECREATION

Representation:

- backcountry
- destination
- travel corridor
- local recreation

Special Opportunities

Education/Interpretation Opportunities

Forest ecology.

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