

Angling Lake

Fisheries Management Objectives

Version Date: October 2017	Prepared by: R. Skarsen	Reviewed by: D. Latty	Approved by: Kathy Hendren
Waterbody ID: 3920	Surface Area: 589 (Ha)	Hydrologic Unit Code Name (HUC_8): Lower Beaver River	Hydrologic Unit Code (HUC_8): 12020201
Sport Fish Species: Northern Pike, Yellow Perch, Burbot			
Indigenous Fishery: Yes			
Environment and Parks Region: Lower Athabasca Region (LAR)		Fisheries Management Zone: Northern Boreal 1 (NB1)	Fisheries Management Office: Cold Lake

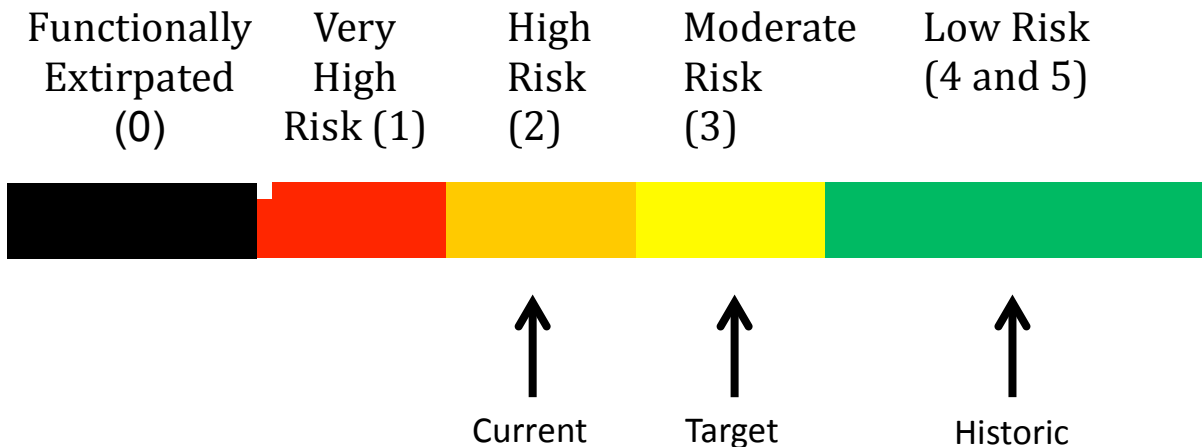
Background

Angling Lake is a nutrient rich (eutrophic) lake with a surface area of 589 hectares and a maximum depth of 9.1 meters. The majority of the shoreline of Angling Lake is surrounded by agriculture with minimal treed buffer. Much of the surrounding watershed has been altered for agriculture, and some oil and gas activity exists in the area as well. The hamlet of Beaverdam is located on the eastern shore of Angling Lake.

Section 1. Fish Population Status

Northern Pike – Adult Abundance

Fish Sustainable Index Adult Density Score



Yellow Perch – Adult Abundance – Undetermined

Section 2. Recreational Fishery Management Objectives and Management Summary

The **focal species** for recreational management is **Northern Pike**. The secondary species managed for recreational objectives is Yellow Perch. These sport-fisheries are passively managed. The **Overharvest Protection Need** is assessed as **High**.

Northern Pike – The recreational fishery management objective for northern pike is **Sustainable Harvest**. The corresponding Fish Sustainability Index score for the current mature density of northern pike was assessed as **High Risk** to sustainability. The northern pike population is not currently meeting the status and criteria for the objective of a sustainable harvest fishery. The current management action is a harvest regulation of **1 Northern Pike over 63 cm**. The required management action will be a **Zero Harvest** regulation for Northern Pike.

Yellow Perch – The recreational fishery management objective being applied is the provincial default (**Sustainable Harvest**). The status of the yellow perch population has not been assessed. The current management action is a harvest regulation of **15 Yellow Perch, any size**.

Management Summary

Management Priority	Species	Overharvest Protection Need	Management Action	Sport Fishing Harvest Regulation
1	Northern Pike	High	Recovery – Sustainable Harvest	<ul style="list-style-type: none"> 1 > 63 cm (2017-18) Catch and Release (Implementation April 1st, 2018)
2	Yellow Perch*	High	Maintenance – Sustainable Harvest	15 any size

**Recreational management objectives for Lake Whitefish, Yellow Perch, and Burbot have not been fully developed into management frameworks, and will be subject to change pending on-going work and development. However, general action statements have been listed for these species within the context of relative abundance, catch rates and trends associated with index netting assessments, in relation to the management of these species at a provincial level.*