

Summary Information

Version Date: May 2018	Prepared by: Mike Blackburn	Reviewed by: Ryan Cox	Approved by: (Resource Manager)
Waterbody ID: 4044	Surface Area: 40 ha	Hydrologic Unit Code Name (HUC_8): Lobstick River	Hydrologic Unit Code (HUC_8): 17030202
Sport Fish Species: Northern Pike			
Indigenous Fishery: No			
Environment and Parks Region: Upper Athabasca Region (UAR)	Fisheries Management Zone: East Slopes 3 (ES3)		Fisheries Management Office: Edson

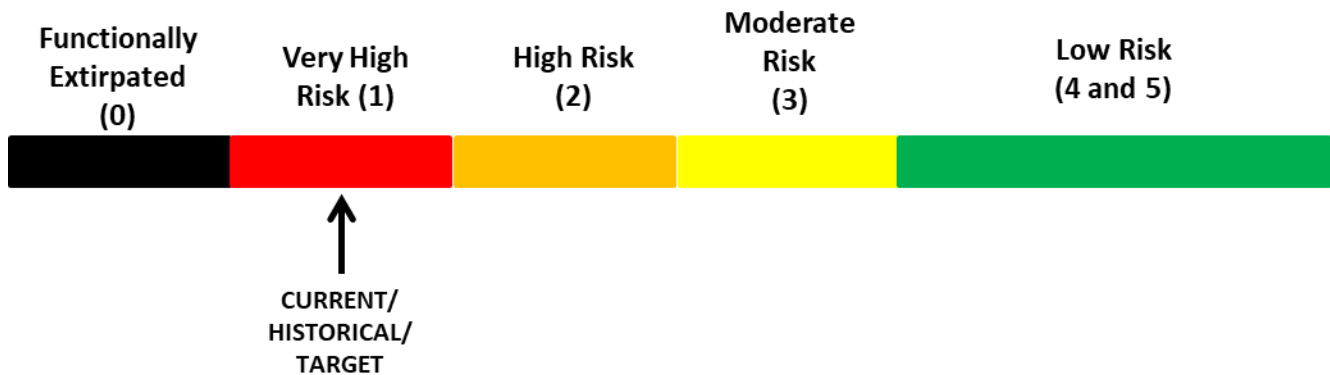
Background

Beta Lake is a small lake with a surface area of 40 hectares. Beta Lake supports a limited sport fishery for northern pike that likely receives low angling pressure due to the small campground facilities, and proximity of major communities. Beta Lake has been managed with a Sustainable RFMO since 1999, however historical and recent lake assessments indicate that the lake is naturally limited because of low dissolved oxygen levels. A recreational fishery management objective of **Liberal Harvest is recommended for Northern Pike at Beta Lake.**

Fish Population Status

Northern Pike – Adult Abundance

Fish Sustainability Index Adult Density Score



Recreational Fishery Management Objectives

The **focal species** for recreational management is **Northern Pike**. This sport-fishery is not directly assessed at intervals, and therefore is passively managed. The **Overharvest Protection Need** is assessed as **moderate**.

Northern Pike - The recreational fishery management objective for northern pike is **Liberal Harvest**. The corresponding FSI score for the current mature density of northern pike was assessed as **High Risk** to sustainability. The northern pike population is currently meeting the status and criteria for the objective of a liberal harvest fishery. The current management action to maintain this outcome is a regulation of **3 fish any size**.

Management Summary

Management Priority	Species	Overharvest Protection Need	Management Action	Sport Fishing Harvest Regulation
1	Northern Pike	Moderate	Liberal Harvest	3 any size