



SUMMARY REPORT

LONG LAKE #58 FIRST NATION

Raynar Lake Northern Pike Presence/Absence Survey May/June 2025

Introduction

In May and June of 2025, the Anishinabek/Ontario Fisheries Resource Center (A/OFRFC), in partnership with Long Lake #58 First Nation, conducted a Northern Pike presence/absence survey on Raynar Lake. The purpose of this survey was to determine the presence of Northern Pike in Raynar Lake and to assess their distribution throughout the lake.

Methods

Raynar Lake was surveyed by boat during May and June of 2025 to assess the presence and distribution of Northern Pike. A combination of sampling techniques was utilized to maximize detection efficiency. These methods included North American gill nets, fyke nets, 6-foot trap nets, and angling. Each method was chosen to target Northern Pike across different habitats and activity levels throughout the lake.

Results

A cumulative soak time exceeding 200 hours was achieved using North American gill nets, fyke nets, and six-foot trap nets, complemented by over 45 hours of angling effort. Despite the extensive sampling effort, no Northern Pike were captured; however, Lake Whitefish, Lake Trout, and White Sucker were detected. These data will be used to establish baseline information for evaluating the presence and distribution patterns of Northern Pike within the lake.

For more information, contact:

Corey Mandula, Project Lead
coreymandula@aofrc.org



The A/OFRFC is a not-for-profit organization that serves as an independent source of information for communities within the Anishinabek Nation. The Centre provides information and recommendations for sustainable fisheries management, reports of stock status, evaluates stresses on fish populations and habitats, and offers technical support.



705-472-7888



191 Booth Rd, North Bay, ON, P1A4K3



aofrc@aofrc.org