



LAKEHEAD REGION
CONSERVATION AUTHORITY

PROVINCIAL WATER QUALITY MONITORING NETWORK (PWQMN)

July, 2017

The Lakehead Region Conservation (LRCA) participates in the Provincial Water Quality Monitoring Network (PWQMN), a partnership program with the Ministry of Environment and Climate Change (MOECC) which collects surface water quality information from rivers and streams across Ontario. The main objective of the PWQMN is to protect human health and aquatic ecosystem by providing reliable and current information on stream water quality. Currently, water quality is measured at over 400 locations in rivers and streams across Ontario. The LRCA has participated in the program since 2008.

Monitoring Locations

PWQMN partners collect water samples and deliver them to the MOECC where they are analyzed in the Ministry's laboratory. The sample sites in the Thunder Bay area are located on the Neebing River (2), McIntyre River, McVicar Creek, Current River and Slate River. Samples are taken for eight consecutive months each year during the ice-free period (March/April to October/November). The MOECC manages the sampling results and provides the water quality data to the public.

Water Quality Parameters Sampled

General Chemistry: Chloride, Suspended Solids, Conductivity, pH, Alkalinity, Nitrogen, Hardness, Phosphorus, Carbon, Silicon

Metals: Aluminum, Barium, Beryllium, Bismuth, Calcium, Cadmium, Cobalt, Chromium, Copper, Iron, Potassium, Lithium, Magnesium, Manganese, Molybdenum, Silver, Sodium, Nickel, Lead, Tin, Strontium, Titanium, Uranium, Vanadium, Zinc, Zirconium

PWQMN Data Results Location

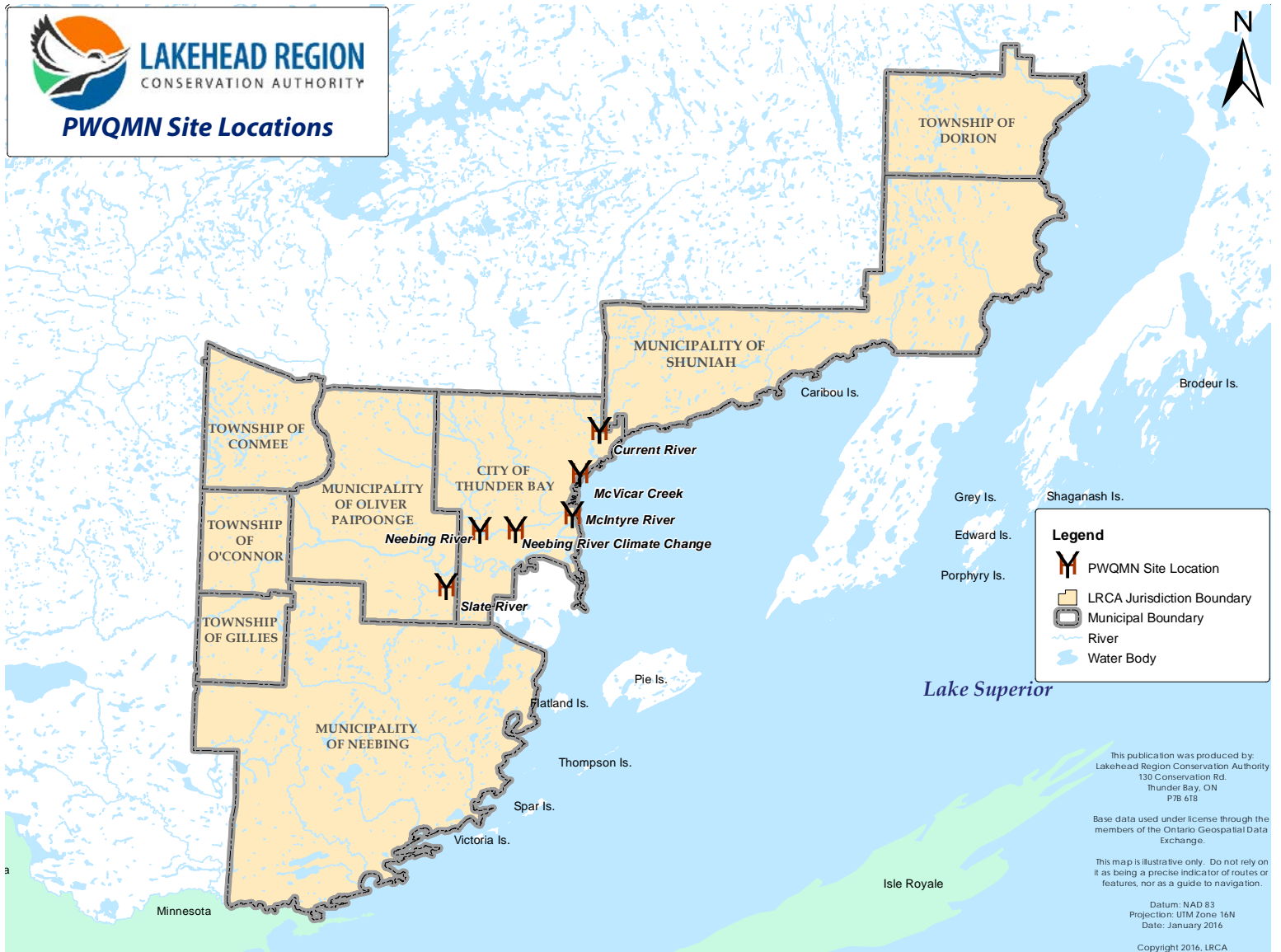
To view PWQMN chemistry results visit:
<https://www.ontario.ca/data/provincial-stream-water-quality-monitoring-network>





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PWQMN Site Locations



Legend

- PWQMN Site Location
- LRCA Jurisdiction Boundary
- Municipal Boundary
- River
- Water Body

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130 Conservation Rd.
Thunder Bay, ON
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members of the Ontario Geospatial Data
Exchange.

This map is illustrative only. Do not rely on
it as being a precise indicator of routes or
features, nor as a guide to navigation.

Datum: NAD 83
Projection: UTM Zone 16N
Date: January 2016

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