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# Fisheries Management in Fisheries Management Zone (FMZ) 18

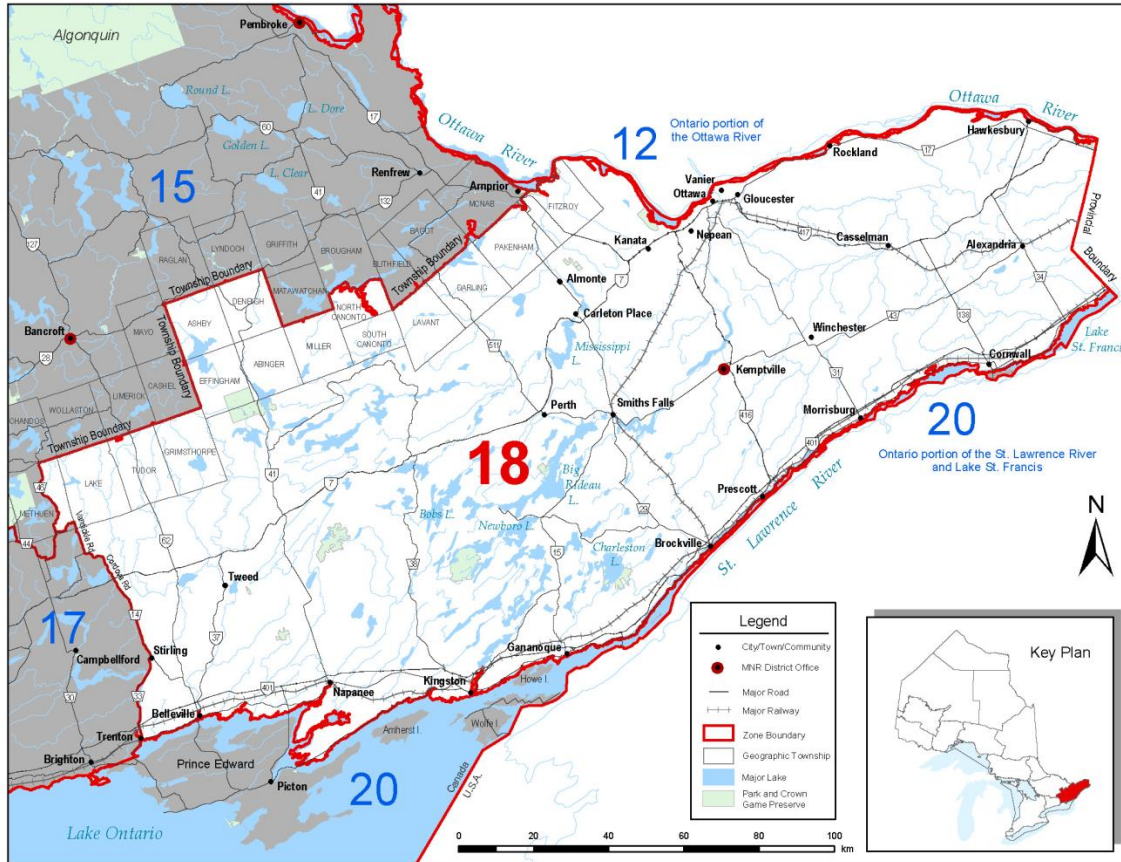
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# Content

- Fisheries Management – Historically and Today
- Overall Objectives & Goals of the Fisheries Management Plan
- Broad Management Strategies
- Fisheries Management at the (Landscape) Zone Level



# Fisheries Management Zone (FMZ) 18



# Fisheries Management – Historically and Today

## Historically:

- Managed fisheries on a lake by lake basis
- Often issue driven
- Conduct individual assessment(s)
- Apply special regulations or exceptions to zone regs

## Today:

- Based on the Ecological Framework for Fisheries Management in Ontario (2004)
- Previous 37 fishing div. to 20 FMZ's
- Manage at the Landscape Level (FMZ), not waterbody-specific

# Overall Fisheries Management Plan Goals

1. To protect ecosystem, species and genetic diversity within FMZ 18; and
2. To optimize social, cultural and economic opportunities and values derived through the biologically sustainable use of aquatic resources.

# Broad Management Strategies

- Walleye and Sauger Management;
- Lake Trout Management;
- Largemouth and Smallmouth Bass Management;
- Panfish (Yellow Perch, Black Crappie, Pumpkinseed and Bluegill sunfish) Management;
- Muskellunge and Northern Pike Management;
- Coldwater Species (Brook, Rainbow and Brown Trout, Splake and Lake Whitefish) Management;
- Other Fish Species (Forage/Baitfish, Coarse, and Species at Risk);
- Commercial Fisheries;
- Public Awareness, Education and Participation in Fisheries Management;
- Invasive Species and Fish Diseases Management;
- Monitoring and Assessment Approach; and
- Fish Stocking Approach.

# Fisheries Management at the (Landscape) Zone Level

- Provincial Broadscale Monitoring (BsM):
  - Assessment of 32 lakes (29 Trend (fixed) and 3 Status (variable)), on a 5 yr. cycle.
  - Gillnetting program (Lg. and Sm. Mesh nets)
  - Samples the entire fish community, but targets primarily Lake Trout, Walleye and Brook Trout.
  - Also includes:
    - Water Quality Monitoring (& Invasive Spp monitoring)
    - Aerial Creel Surveys (open water angler effort)

# Fisheries Management at the (Landscape) Zone Level contn'd

- Information/Data Gaps not addressed by BsM:
  - Local Targeted Monitoring: Scoped assessments aimed at answering specific, mostly zone level, questions.
  - Examples:
    - Commercial Fisheries
    - Put-Grow-Take (i.e. stocked) Fisheries
    - Riverine Fisheries
    - Centrarchid Fisheries (Sunfish, Bass)





# Fisheries Management at the (Landscape) Zone Level contn'd

- Implementation of the Fisheries Management Plan includes Partner-Led initiatives:
  - Fish Habitat Rehabilitation
  - Targeted Volunteer Angler Diary Programs (e.g. PGT fisheries)
  - Spawning Observation Surveys
  - And more...



# Reference Documentation / Links

FMZ 18 Web Page:

<https://www.ontario.ca/page/fisheries-management-zone-18-fmz-18>

FMZ 18 Fisheries Management Plan &  
Background Information to FMZ 18 Fisheries  
Management Plan:

<https://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTI0NDg4&statusId=MTk4NzQy&language=en>

# Questions?



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