



SOUTH NATION  
**CONSERVATION**  
DE LA NATION SUD

# Fish and Wildlife Committee Update

June 5, 2018



[www.nation.on.ca](http://www.nation.on.ca)



# Invasive Species Liaison



Rotary Creek  
Cornwall, Ontario (Fall 2017)

## St. Lawrence College

- Environmental Technician

## Upcoming Projects

- Invasive Species Watch Program (ISW)
- Totally Turtles: Watershed Adventures
- Fish Camp
- Family Fun Fishing Derby



# Stewardship Student

## **University of Ottawa**

- Biology (co-op)

## **Upcoming Projects**

- City Stream Watch
- Surface Water Quality Monitoring Program
- Ontario Stream Assessment Protocol (OSAP)





# Future Environmentalists: Co-op Students



St. Lawrence College  
Cornwall

- St. Lawrence College,  
2nd year Environmental  
Technicians
- Headwater Drainage  
Features (HDF), Larose  
Forest project, Shield's  
Creek, and other projects





# Natural Channels – Sustaining Connectivity



Natural Channels Conference, University of Guelph

- Natural Channels Conference: May 23rd to May 25th
- Multi-disciplinary conference focused on restoring connectivity through natural channel design



# SNC Standing Committees



- 20+ years for Standing Committees
- Come celebrate this milestone with us

June 21<sup>st</sup>

SNC Office

BBQ with the Board



# Youth Fishing Camps



- Cass Bridge, High Falls and Jessup's Falls
- 2 days, 12 youth per camp

Cass Bridge  
Winchester





# Community Outreach

## Annual Community Clean Up

- 9<sup>th</sup> Annual Cache-In Trash-Out event
- Over 100 participants
- Clarence Rockland







# Community Outreach



Moose Creek  
North Stormont

- 7th Annual Moose Creek Tree Giveaway - May 12th
- 60 potted trees and shrubs



# Community Outreach



Diamond Jubilee Park, Ottawa

- 5th Annual Findlay Creek Shrub Giveaway - April 28th
- 75 potted native shrubs



# Community Outreach



- Partnership Creation with Anupaya Quality Goods
- Invasive species removal in Leitrim Wetland





# Community Outreach



Electrofishing demonstration  
South Castor River

- Using Stoodley Grass Buffer Demo Site for Innovation Creativity and Entrepreneur (ICE) training with Ottawa high schools
- Buffer planting and monitoring/species ID certification



# Great Lakes Guardian Community Fund

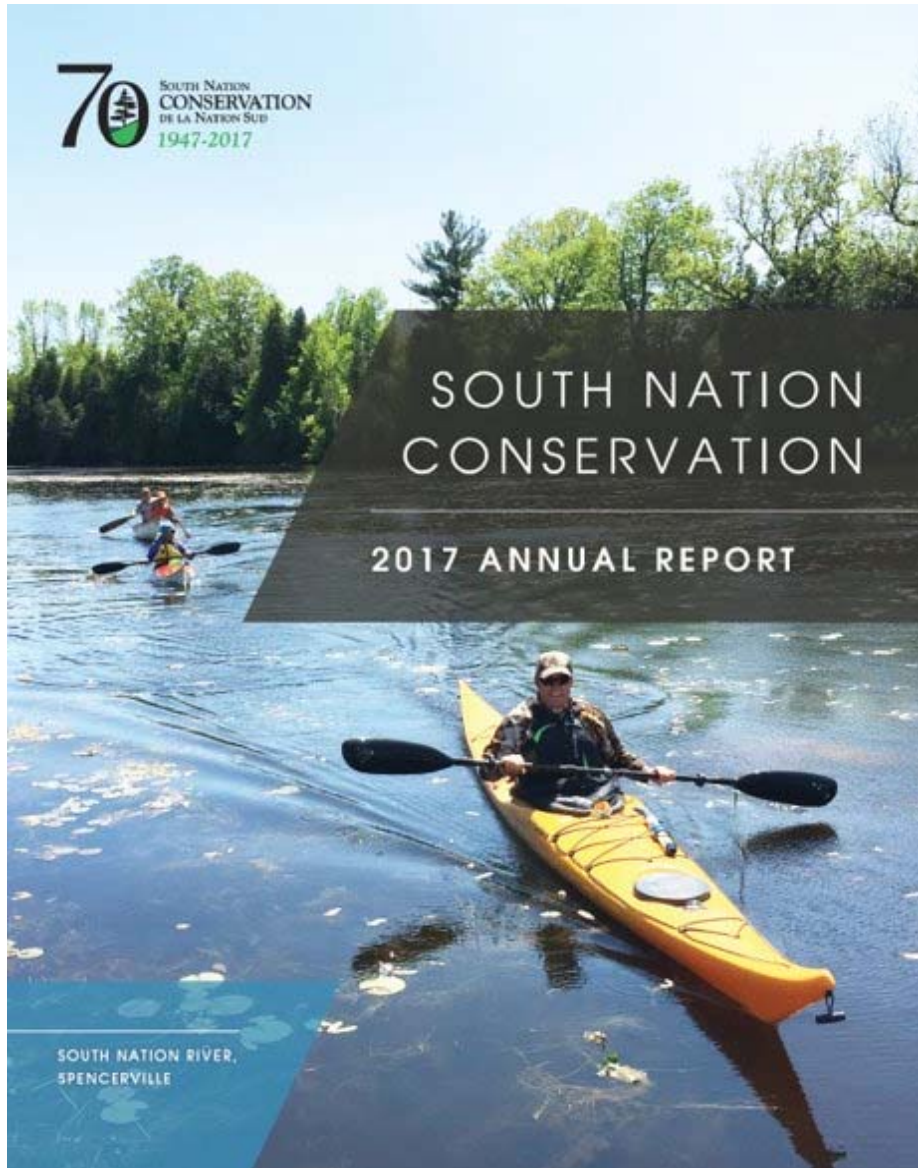


- Three families accepted to revegetate their shorelines along Cobb's Lake and Clarence Creeks
- Scouts du Canada, Fournier troop assisted with planting over 600 native trees and shrubs.

Group photo taken at Guy Desjardins' property,  
Mayor, City of Clarence-Rockland



# 2017 Annual Report



- Major Project Highlights
- Recreation & Conservation Areas
- Forestry & Land Securement
- Monitoring & Stewardship





# New Equipment



Ryan Robson, Resource Technician



# Headwaters Sampling

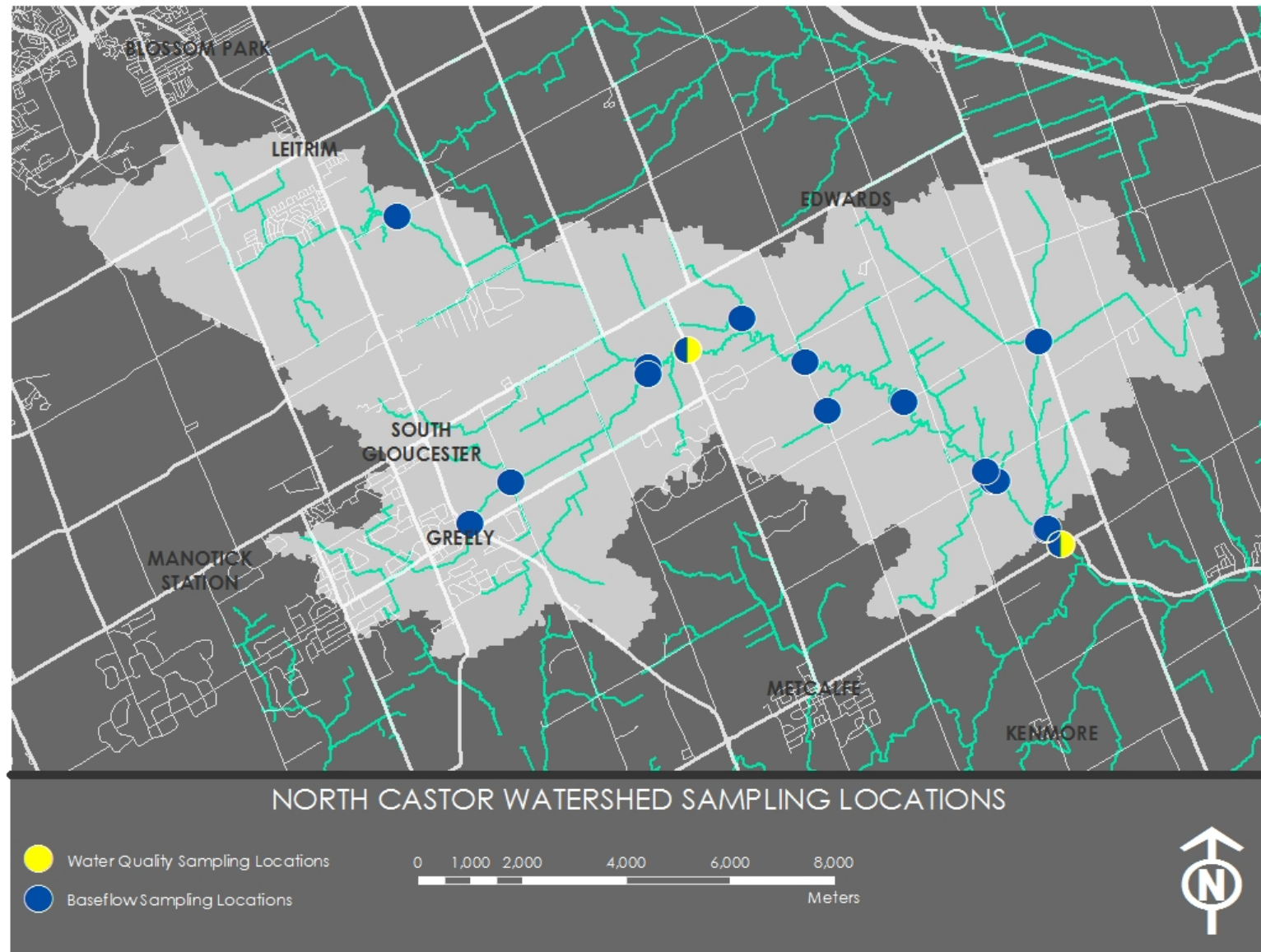


Ryan Robson, Resource Technician





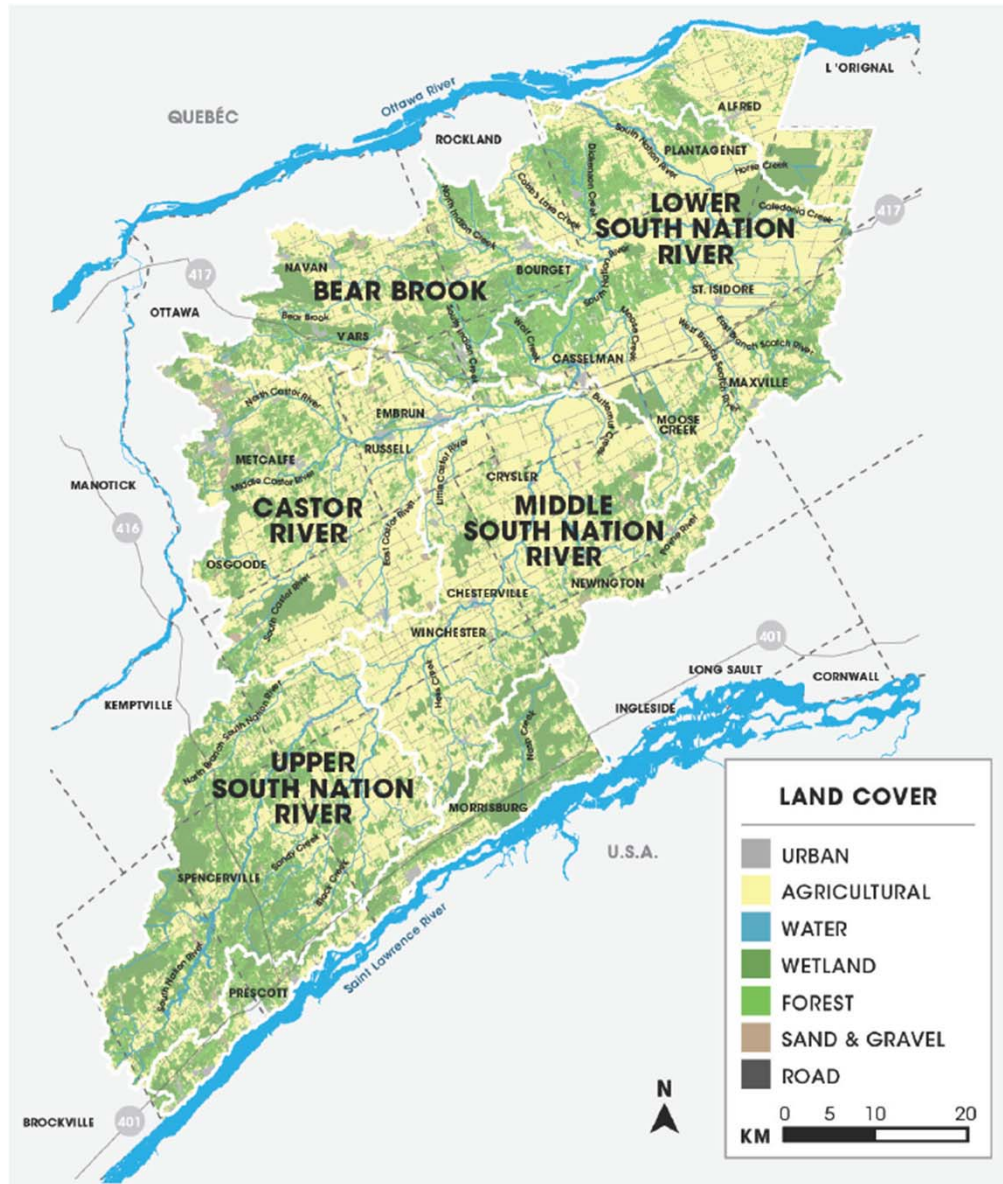
# North Castor River Catchment Study







# Long-term Monitoring Program



- Focus on Upper SNR and St. Lawrence River tribs
- Partnering with St. Lawrence River Institute



# Shield's Creek Naturalization



Brent Harbers, Stewardship Technician





# Leitrim Wetland Project



PM12:10 MAY/10/2018

Brent Harbers, Stewardship Technician





# SARBEX Grassland Bird Surveys



Brent Harbers, Stewardship Technician



# OPG Larose Biodiversity Project



Blue Spotted Salamander caught in newly excavated drain on project site.

- Request For Quote posted in May received one bidder who has subsequently been accepted.
- 2019 work involves recreating "pit & mound" topography and introducing native plants not currently found in Larose.



# New Provincial Park



Alfred Bog Boardwalk

## Alfred Bog Provincial Park

- Draft management plan completed, to be posted on the Environmental Bill of Rights
- SNC property (200 acres) within the park boundary





# Acquiring New Projects and Growing Capacity



- National Disaster Mitigation Program:
  - \$ 100,000 Casselman Lemieux Project
  - \$ 230,000 City of Ottawa Floodplain Mapping
  - \$ 153,000 St. Lawrence River Hazard Mapping
- Ministry of Natural Resources and Forestry:
  - \$ 50,000 Ottawa River Flood Forecasting and Warning
  - \$ 8,000 Low Water Response Program



# Emergency Managers Outreach

MAP No. 11  
CARTE No. 11

## FREQUENCY OF FLOODING EAST SAVAGE, McFADDEN & McKINNON'S CREEK FRÉQUENCE D'INONDATION

Rue 10th Line Road and/or Rue Wall Road  
to/ au  
Rue Milton Road

- Critical Building
- Non-Critical Building
- Road with Unsafe Access
- Laneway with Unsafe Access
- 5 Year Event
- 25 Year Event
- 50 Year Event
- 100 Year Event
- 350 Year Event

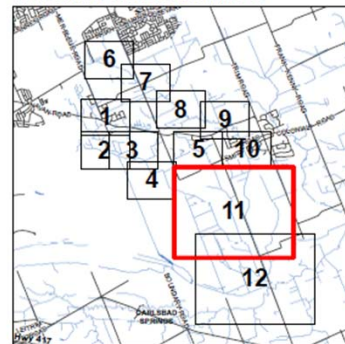
COURSES DE NIVEAU PRINCIPALES DE LA MÈTRE  
SYSTEME DE REFERENCE GEOGRAPHIQUE NORD-AMÉRIQUE 1983

GENERAL INFORMATION  
Vertical Datum: Mean sea level  
Horizontal Datum: North American 1983  
Map Projection: Ottawa Transverse  
Mercator Projection

RENSEIGNEMENTS GÉNÉRAUX  
Niveau de référence vertical: niveau moyen de la mer  
Niveau de référence horizontal: Nord-Américain 1983  
Projection cartographique: Projection Transverse  
de Mercator d'Ottawa



### SHEET INDEX / TABLEAU D'ASSEMBLAGE



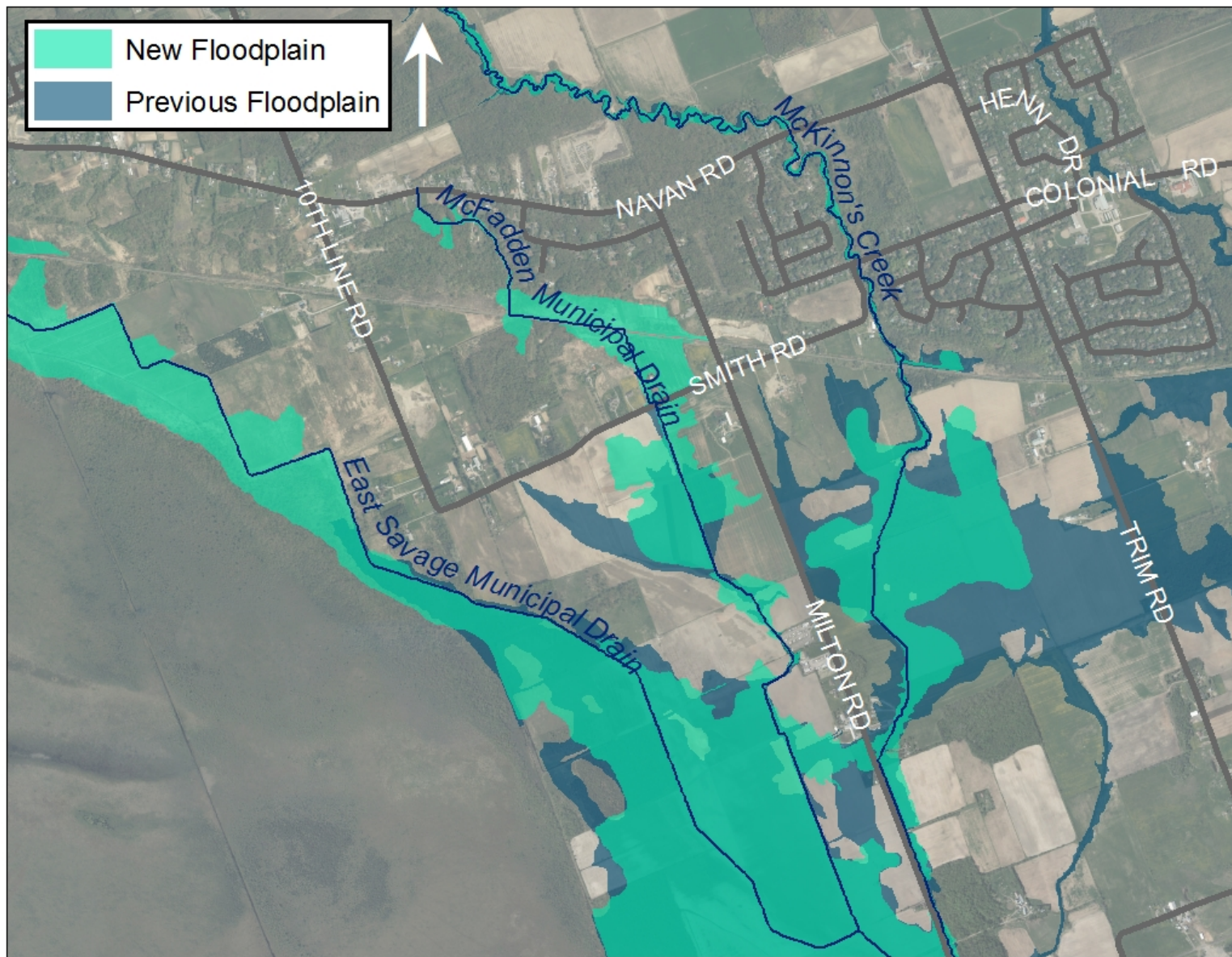
No.	Date	Amendement / Revision

- Floodlines
- Flood Depth Maps
- Flood Vulnerable Areas Inventory





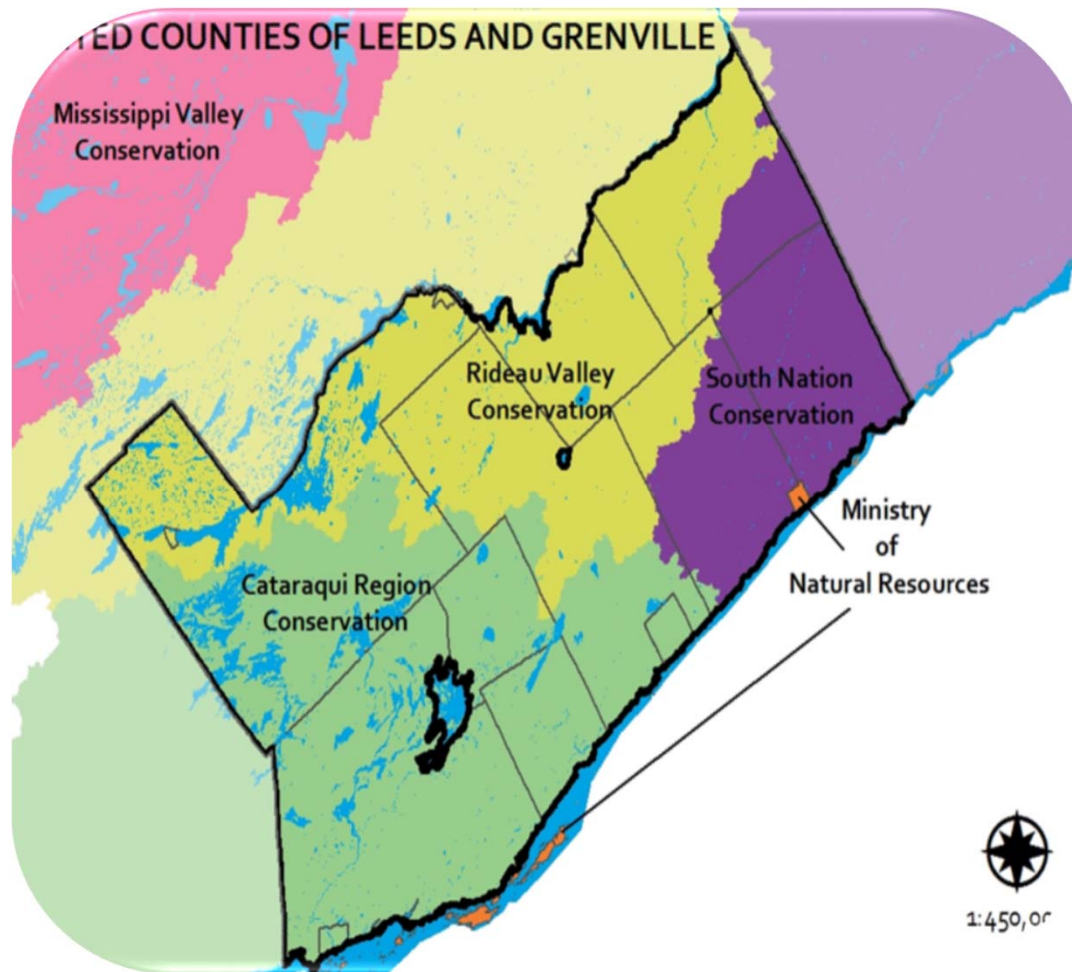
# Working with Municipalities







# Working With Municipalities



- Leeds and Grenville Emergency Training
- City of Ottawa Flood Task Force



# Working Together to Solve Issues



CR-19 and 2 Alfred-Plantagenet





# 3 Millionth Milestone – A Success



John Mesman, Team Lead, Communications and Outreach



Our Local Environment, We're in it Together.



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