

GSCA DEPUTATION JULY 27 2022

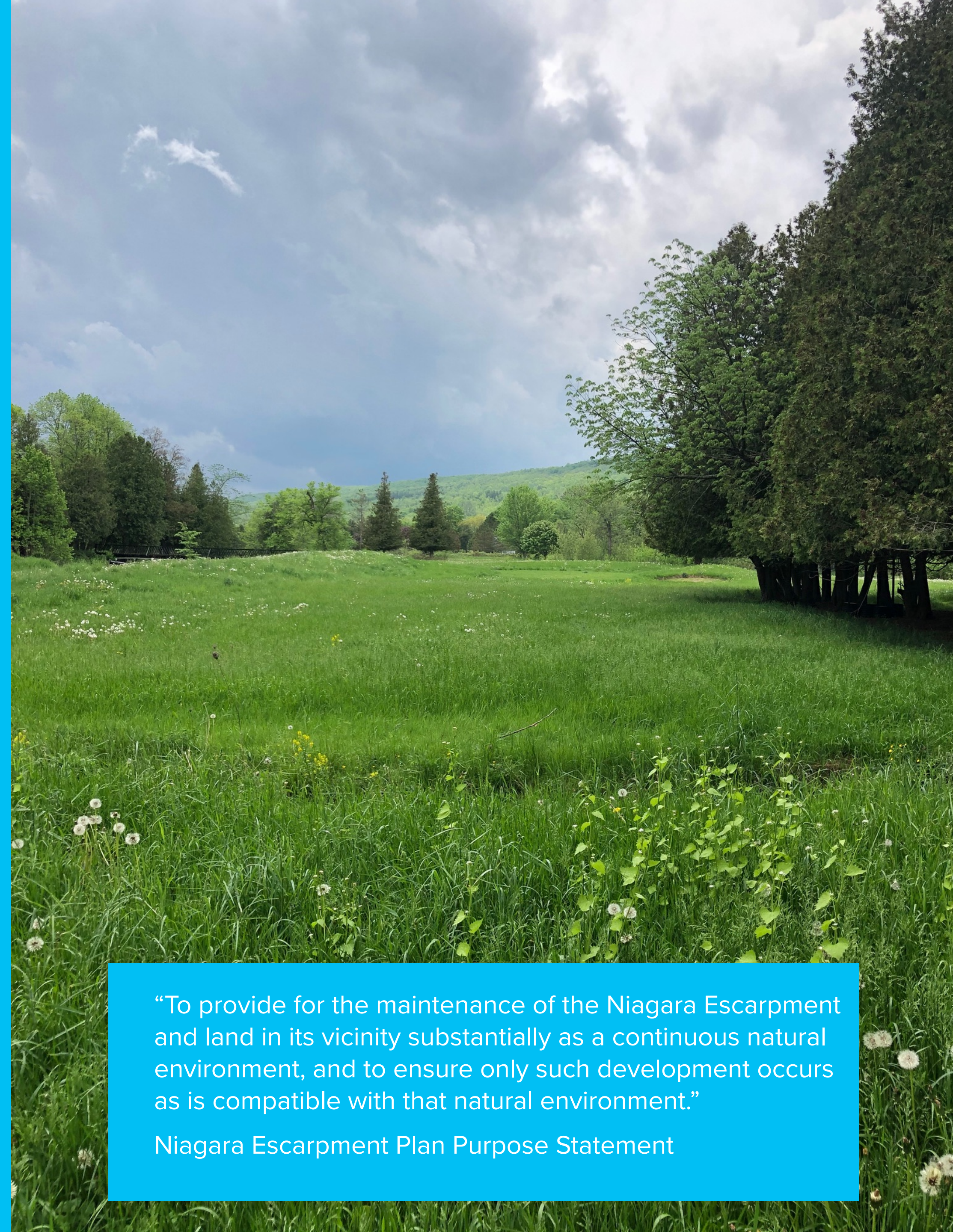
# FLOOD PLAIN RISKS AT TALISMAN

Kate Lazier, Protecting Talisman Lands Association



# WHO ARE WE?

- **Protecting Talisman Lands Association**
- **Escarpment Corridor Alliance**
- **Preserve the Escarpment**
- **Escarpment Biosphere Conservancy**
- **Niagara Escarpment Foundation**



“To provide for the maintenance of the Niagara Escarpment and land in its vicinity substantially as a continuous natural environment, and to ensure only such development occurs as is compatible with that natural environment.”

Niagara Escarpment Plan Purpose Statement





**“BUILDING ON RIVER FLOODPLAINS HAS  
PROVEN COSTLY AND DEVASTATING TO  
CANADIANS”**

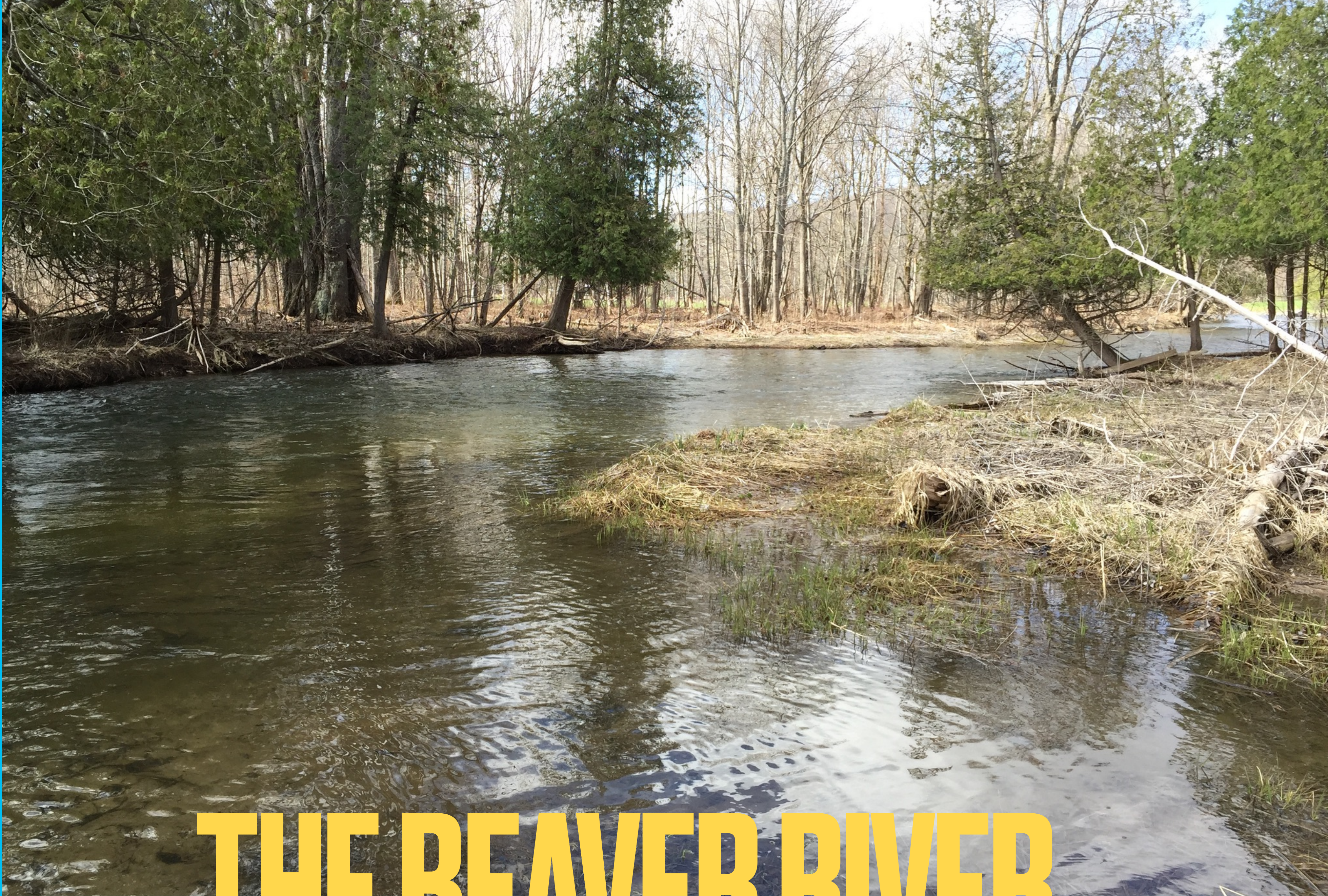
**MATTHEW MCCLEARN, GLOBE AND MAIL, MAY 30 2022**



**“WHAT USED TO BE 100 YEAR FLOODING  
EVENTS HAVE BEEN FAR MORE  
FREQUENT”**

**BILL BLAIR, MINISTER OF EMERGENCY PREPAREDNESS AS QUOTED IN THE GLOBE AND MAIL, JULY 11 2022**



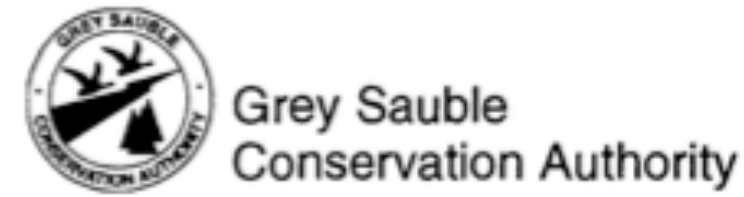


# THE BEAVER RIVER



# FLOOD PLAIN REPORT 27 YEARS OLD

- Outdated data
- Outdated methodology
- No climate change modelling



**BEAVER RIVER  
FLOODLINE MAPPING STUDY  
FINAL REPORT**

**HAMLET OF HEATHCOTE  
HAMLET OF KIMBERLEY  
GENERAL REPORT**

December 1995





**DOUGLAS MCNEIL**

# 2019 REVIEW AND RECOMMENDATIONS

- Recommendation 4: That the MNRF *update floodplain mapping technical and implementation guidelines recognizing new technology and approaches for flood hazard and flood risk mapping*, and that the MNRF collaborate with conservation authorities on this initiative.
- Recommendation 5: That the Province *update its technical guides pertaining to floods and natural hazards. This should include undertaking a review of the flood event standards (e.g. 1%, Timmins storm, Hurricane Hazel), with a view to providing for current science and climate change...*

Ontario's Special Advisor on Flooding Report to Government

## An Independent Review of the 2019 Flood Events in Ontario

A Report to the Hon. John Yakabuski, Minister of Natural Resources and Forestry

**Douglas McNeil, P.Eng.**  
**McNeil Consulting Inc. – Winnipeg, Manitoba**







# CRITICAL INFRASTRUCTURE





# EUGENIA DAM

- Opened 1915
- Flows into the Beaver River
- Planned and catastrophic releases of dam risk floods in Valley



## LOWER TALISMAN LANDS APRIL 2 2016

Eye witness account and photo by Stew Hiltz April 2 2016:  
*“The river further downstream has totally flooded the golf course at Talisman.... Water is flowing across the access road. And nearby, 2 or 3 houses look flooded; those are the people probably suffering the most.”*



# OUR ASK

- Comprehensive new flood plain study
- Moratorium on new development

