



THE TOWN OF GEORGINA
WATERWAYS ADVISORY COMMITTEE
MINUTES

Tuesday April 3, 2018
6:30 PM
Council Chambers

1. CALL TO ORDER

2. "We would like to begin today's meeting by acknowledging that the Town of Georgina is located over lands originally used and occupied by the First Peoples of the Williams Treaties First Nations and other Indigenous Peoples and thank them for sharing this land. We would also like to acknowledge the Chippewas of Georgina Island First Nation as our close neighbour and friend, one with which we strive to build a cooperative and respectful relationship."

3. ROLL CALL

The following committee members were present:

Andy Adams
Scott Davidson
Councillor Dan Fellini
Jerry Kucharchuk
Councillor Frank Sebo, Chair
Mayor Margaret Quirk (Ex-Officio)

The following guest was present:

Danielle Aulenback, Ministry of Natural Resources & Forestry

The following committee members were absent with regrets:

Natasha Charles
David Goldstein, Vice Chair

The following staff members were present:

Sandra DiPietrantonio, Committee Services Coordinator
Scott Edwards, Road Superintendent
Ron Jenkins, Director of Emergency Services/Fire Chief
Karyn Stone, Manager of Economic Development

4. INTRODUCTION OF ADDENDUM ITEMS None.

5. APPROVAL OF AGENDA

Moved by Mayor Margret Quirk, Seconded by Andy Adams

RESOLUTION NO. GWAC-2018-0016

That the Georgina Waterways Advisory Committee agenda be approved as presented.

Carried.

6. DECLARATIONS OF PECUNIARY INTEREST AND GENERAL NATURE THEREOF None.

7. ADOPTION OF MINUTES

Moved by Councillor Dan Fellini, Seconded by Jerry Kucharchuk

RESOLUTION NO. GWAC-2018-0017

That the Minutes of the Georgina Waterways Advisory Committee held on March 6th, 2018, be adopted as presented.

Carried.

8. DELEGATIONS/SPEAKERS None.

9. PRESENTATIONS

- (1) Understanding MNR Business – Danielle Aulenback, Ministry of Natural Resources and Forestry
- (2) Floods Happen– Scott Edwards, Roads Superintendent and Ron Jenkins, Director of Emergency Services/Fire Chief.

Moved by Councillor Dan Fellini, Seconded by Andy Adams

RESOLUTION NO. GWAC-2018-0018

That the Georgina Waterways Advisory Committee receive the presentation, Understanding MNR Business provided by Danielle Aulenbach, Ministry of Natural Resources & Forestry and Floods Happen

2018 provided by Scott Edwards, Road Superintendent and Ron Jenkins, Director of Emergency Services/Fire Chief.

Carried.

10. CONSIDERATION OF REPORTS ON THE AGENDA

11. COMMUNICATIONS

- (1) Use of sandbags in other municipalities – Verbal Update – Sandra Dipietrantonio, Committee Services Coordinator

Moved by Scott Davidson, Seconded by Jerry Kucharchuk

RESOLUTION NO. GWAC-2018-0019

That the Georgina Waterways Advisory Committee receive the following Communication items:

- (1) Use of sandbags in other municipalities – Verbal Update, Sandra Dipietrantonio, Committee Services Coordinator

Carried.

11. OTHER BUSINESS

- (1) Terms of Reference

Karyn Stone, Manager of Economic Development & Tourism Development gave an overview of the changes of the proposed new Terms of Reference, explaining that the goal is to keep all the committees and boards Term of Reference's consistent with the Town's procedural bylaw.

Was recommended that a numbering system be incorporated for easier references to areas within the terms.

Moved by Jerry Kucharchuk, Seconded by Andy Adams

RESOLUTION NO. GWAC-2018-0020

That the Georgina Waterways Advisory Committee approve the new Terms of Reference with the suggestion that a numbering system be incorporated for easier references to areas within the terms.

Carried.

12. CLOSED SESSION, IF REQUIRED None.

13. MOTION TO ADJOURN


Next meeting: Tuesday May 1, 2018, 6:30 PM, Council Chambers.

Moved by Andy Adams, Seconded by Jerry Kucharchuk

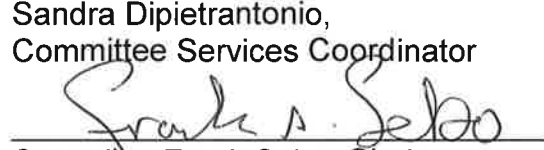
RESOLUTION NO. GWAC-2018-0021

That the meeting adjourn at 8:33 p.m.

Carried.



Sandra Dipietrantonio,
Committee Services Coordinator



Councillor Frank Sebo, Chair



Understanding MNRF Business
Georgina Waterways Advisory Committee
Danielle Aulenback- Partnership Specialist

April 3, 2018

Overview

- **MNRF Mandate and Core Program Areas / Priorities**
- **Land Use Planning**
 - *Municipal Land Use Planning*
 - *Environmental Assessments*
 - *Natural Heritage*
 - *Wetland management*
- **MNRF Legislation**
 - *Endangered Species Act*
 - *Fish and Wildlife Conservation Act*
 - *Lakes and Rivers Improvement Act*
 - *Public Lands Act*
 - *Aggregate Resources Act*
 - *Invasive Species Act*
- **Lake Simcoe Program**
 - *LSPP Overview*
 - *MNRF Role on Lake Simcoe*

MNRF

Overview and Core Mandate

Ministry of Natural Resources and Forestry

The purpose of the Ministry of Natural Resources and Forestry (MNR) is to provide opportunities for resource development and outdoor recreation for the continuous economic and social benefit of the people of Ontario; and to administer, protect, and conserve public lands and waters.

The ministry's programs are concerned with the use of the physical resources such as land, water, trees, fish, animals and certain minerals for resource utilization and recreation.

Ministry of Natural Resources and Forestry

Fish & Wildlife Management – *sustainably managing Ontario's fish and wildlife resources.*

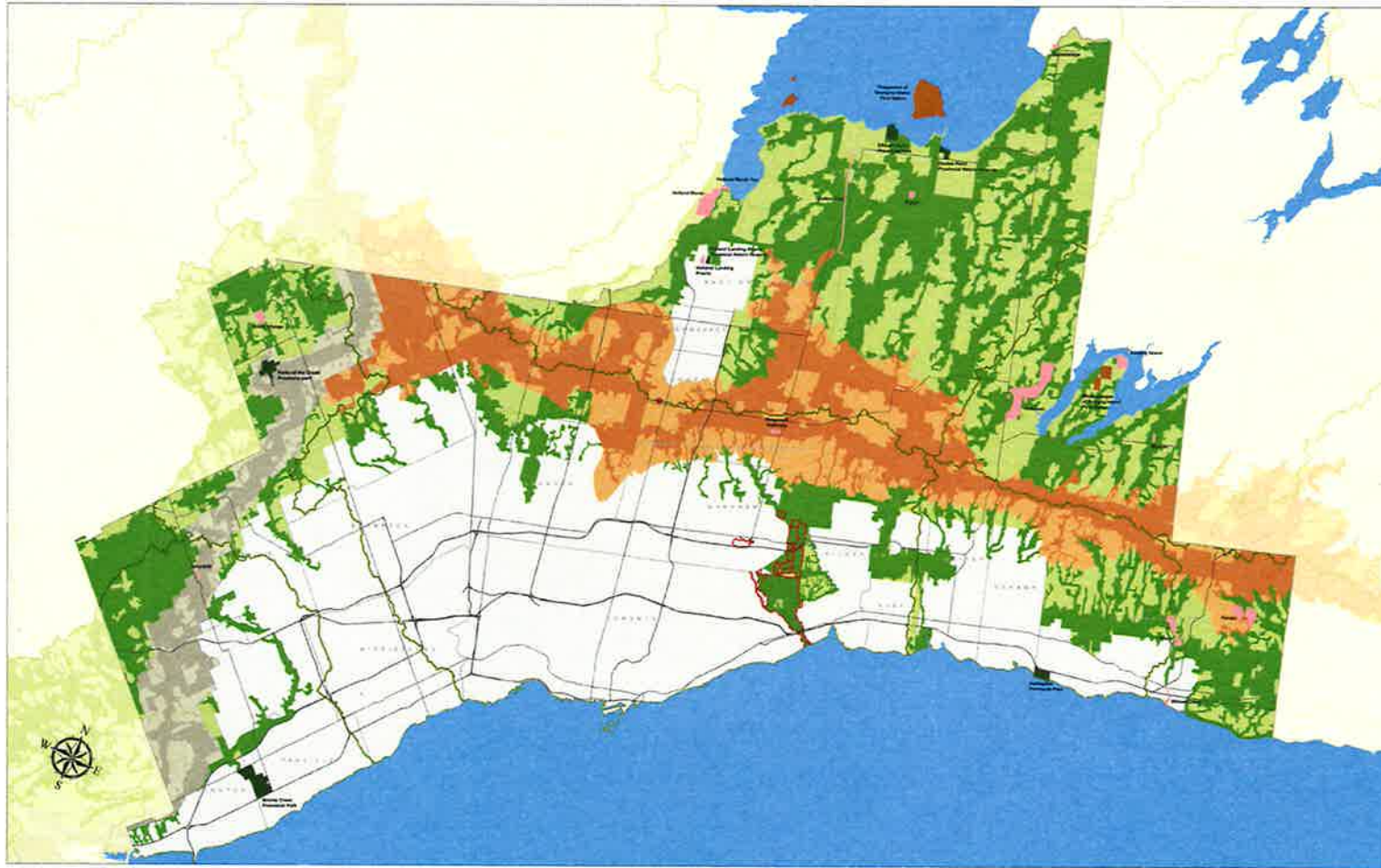
Land & Waters Management – *leading the management of Ontario's Crown lands, water, oil, gas, salt and aggregates resources, including making Crown land available for renewable energy projects.*

Forest Management – *ensuring the sustainable forest management of Ontario's forests and facilitating economic opportunities for the forest and wood products sectors.*

Ontario Parks – *guiding the management of Ontario's parks and protected areas.*

Forest Fire, Flood and Drought Protection – *protecting people, property and communities from related emergencies.*

Geographic Information – *developing and applying geographic information to help manage the province's natural resources.*



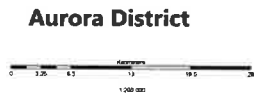
- Dark Ridge Moraine**
- Natural Core / Linkage Area**
- Other Areas**
- Greenfield**
- Greenfield 16D**
- Greenfield Processed Greenfield**
- Riders Recreational**
- EP - 17a Designations**
- Other Designations**

- Green Land**
- Regional Park**
- Municipal Park**
- Conservation Authority**

- Aurora District Office**
- Major Street**
- Municipal Boundary**
- Waterway**

Updated April 7, 2014
 Prepared by: Ministry of Natural Resources & Forestry
 Aurora District OpenSpace
 6899 Highway 7, Aurora, Ontario L4R 5N2
 © Queen's Printer and Ontario, 2013
 © OpenSpace Inc., Aurora, Ontario, 2014

Ontario Ministry of Natural Resources & Forestry



This map is intended to provide information about the land use designations in the Aurora District. It is not intended to be used as a legal document. The Ontario Ministry of Natural Resources & Forestry, through its OpenSpace program, is committed to providing information to the public about the land use designations in the Aurora District. For more information, visit the OpenSpace website at www.ontario.ca/open-space.

It is the user's responsibility to verify the information presented on this map with the latest information available from the appropriate government departments. The Ontario Ministry of Natural Resources & Forestry, through its OpenSpace program, is committed to providing information to the public about the land use designations in the Aurora District. For more information, visit the OpenSpace website at www.ontario.ca/open-space.



Land Use Planning

Municipal Land Use Planning

Environmental Assessments

Natural Heritage

Wetland Management

MNRF and Land Use Planning

Municipal Land Use Planning:

- Implementation of Municipal Planning Program by participating in planning and development activities through One Window and Municipal Plan Review
- MNRF will provide technical support and planning comments to MMAH through the provincial One-Window process.
- MNRF's role is to comment on policy conformity with PPS, Provincial Plans within its mandated interests: Natural Heritage, Non-Renewable Resources, Natural Hazards (i.e., Special Policy Areas).
- MNRF may comment through One-Window on site-specific applications (secondary plans, block plans, site specific development applications) if circulated by MMAH for comment
- MNRF reviews special policy area applications in coordination with MMA.

Environmental Assessments:

- MNRF reviews infrastructure proposals through its mandate of natural resource management and natural heritage protection
 - Includes: Class Environmental Assessments, Individual Environmental Assesents, National Energy Board/Telecommunication Towers
- Takes guidance from policy direction set out in the PPS 2014 and well as Greenbelt Plan, Oak Ridges Moraine Plan, Lake Simcoe Protection Plan, Niagara Escarpment Plan
- Provide best available information on natural heritage features (e.g., wetlands, ANSI's, Species-at-Risk, mapping), identify information gaps
- Provide comments on Terms of Reference, alternative means and methods, technical guidance
- Recommend mitigation that reduces disruption both during construction and after construction.

MNRF and Land Use Planning cont.

Natural Heritage Systems Planning

- Provide overall guidance (Reference Manual), information (data, such as wetlands), technical interpretations, and recommendations to protect features / habitats to ensure relevant MNRF mandated interests are achieved (e.g. ESA and species at risk management).
 - **Delegations:** Municipalities are ultimately responsible for identifying and protecting significant features (e.g. woodlands, wildlife habitat), with guidance from the Natural Heritage Reference Manual or other relevant documents / protocols.
- MNRF can be approached directly to acquire technical information (e.g. geospatial, wetland status, ANSI delineation), and/or interpretation of natural resource data and technical guidelines for the ministry's mandated interests.
- Where a planning matter has implications pursuant to the Endangered Species Act, or other legislation, MNRF staff can assist in the integration of the ESA and Planning Act approvals by planning authorities.
- MNRF is responsible for maintaining and updating information on wetlands in Ontario in accordance with the Ontario Wetland Evaluation System (OWES).

Wetland Management

- Development and training in Ontario Wetland Evaluation System (OWES).
- Approval of evaluated wetlands in accordance with OWES and support wetland evaluation work by providing advice, verifying accuracy, and supporting appropriate delineation of wetland boundaries, as requested.
- Updating wetland information in the Land Information Ontario (LIO) database to make wetland information available to the public.
- Informing planning authorities / landowners of new PSW's or status / boundary changes.
 - **Delegations:** Conservation Authorities are delegated responsibility for regulating activities that may change or interfere with wetlands.

MNRF Legislation

Endangered Species Act
Fish and Wildlife Conservation Act
Lakes and Rivers Improvement Act
Public Lands Act
Aggregate Resources Act
Invasive Species Act

MNRF Legislation

Endangered Species Act

Overview: Promotes the protection and recovery of more than 150 threatened and endangered species

The Endangered Species Act prohibits:

- The harm and harassment of a species listed as threatened or endangered
- The damage or destruction of habitat of a species listed as threatened or endangered



Where activities will impact a species and/or their habitat a permit may be required

– **Endangered Species Act (ESA), Permits include:**

- 17(2)(a) Permits (Human Health and Safety)
- 17(2)(b) Permits (Species Recovery and Protection)
- 17(2)(c) Permits (Overall Benefit)
- 17(2)(d) Permits (Significant Social / Economic Benefit)

Ontario Regulation 242/08:

- Under some circumstances, a permit may not be required if a project is eligible for another form of authorization / exemption
- eg. Exemptions Requiring Notice to be Given on Registry

Fish and Wildlife Conservation Act

Overview - The *Fish and Wildlife Conservation Act, 1997* provides broad protection for fish and wildlife in Ontario.

- Issuance of Authorizations such as Scientific Collectors Permits, Commercial Bait Licenses, Fish Stocking Permits, Wildlife in Captivity etc.
- MNRF provides support with respect to **Human Wildlife Conflict and Nuisance Wildlife**



MNRF Legislation cont.

Lakes and Rivers Improvement Act

- **Overview** - The purposes of the Lakes and Rivers Improvement Act (LRIA) is to provide for the management, protection, preservation of the lakes and rivers of Ontario
 - **Delegations** : Conservation Authorities are delegated the authority to regulate development, interference with wetlands and alteration to shorelines and watercourses. Projects, such as culvert works, channelizations, water crossings, etc. are regulated by CA's under the Conservation Authorities Act.
- Works related to dams require MNRF review and potential approval under the Lakes and Rivers Improvement Act for activities such as:
 - Construction or decommissioning of a dam
 - Alteration, improvement or repair to a dam which may affect the dam's safety or structural integrity, the waters or natural resources
 - Change in dam operations from that contemplated by approved plans and specifications

Public Lands Act

- Management of Crown Lands
- Issuance of work permits:
 - Work Permit is required for works on Crown land and private shore lands.
 - Some works may require a disposition of Crown Land.
 - Permit exceptions are outlined in Regulations made under the Act, e.g. maintenance, repair or replacement of erosion control structures on shore lands.

MNRF Legislation Continued

Aggregate Resources Act

- MNRF plays a lead role in the management of mineral aggregate resources:
 - Responsible for issuing licences pursuant to the Aggregate Resources Act, approving operational amendments
 - Reviewing and commenting on new licence applications and primary agency responsible for enforcement of existing pits and quarries



Prohibited Species			Restricted Species
Fish: Bighead carp Silver carp Grass carp Black carp Stone moroko Zander Wels catfish Family Channidae: Northern snakehead	Aquatic invertebrates: Killer shrimp Yabby (crayfish) Golden mussel	Plants: Hydrilla Brazilian elodea Water soldier European water chestnut Parrot feather	Plants: Phragmites Dog Strangling Vine Black Dog Strangling Vine Japanese Knotweed
Prohibitions: <ul style="list-style-type: none"> • No bringing into Ontario • No deposit or release in Ontario • No possession or transport • No propagation • No buying, selling, leasing or trading. Exceptions for: <ul style="list-style-type: none"> • dead and eviscerated carp(s), snakehead(s), zander • In water movement of Water Soldier and Water Chestnut 			Prohibitions: All of Ontario <ul style="list-style-type: none"> • No bringing into Ontario • No propagation • No buying, selling, leasing or trading. Provincial Parks and Conservation reserves <ul style="list-style-type: none"> • No bringing into and no possession or transportation • No deposit or release
General Exemptions: <ul style="list-style-type: none"> • Emergency response activities e.g., fire, policy, natural disaster etc. • Incidental catch of fish • Preserved specimens 			

Invasive Species Act

- The Act and Ontario Regulation 354/16 took effect on November 3, 2016.
- The legislation was designed to provide a flexible suite of tools that can be used to address the broad range of issues that Invasive species pose.
- MNRF or provincial governments cannot address invasive species issues alone so the Act contains provisions that allow engagement of partners and other levels of government (e.g. agreements, delegations of authority)

Lake Simcoe Program

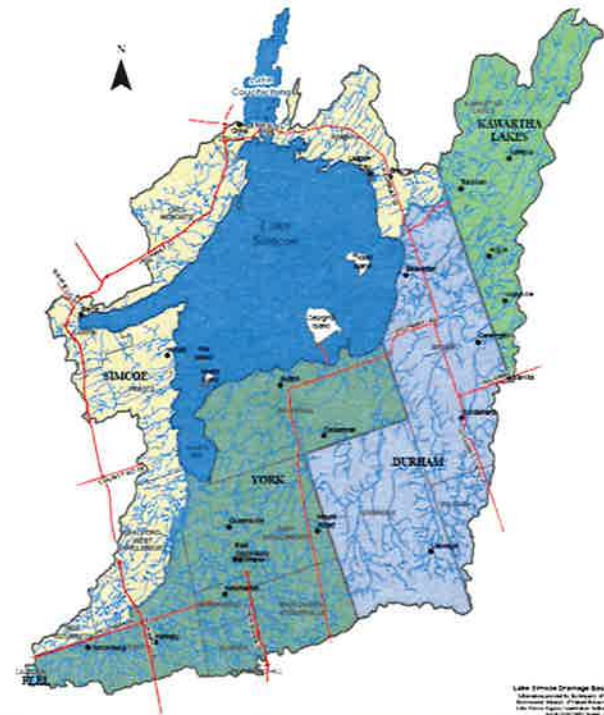
LSPP Overview

MNRF Role on Lake Simcoe

MNRF Role on Lake Simcoe

Lake Simcoe Protection Plan Overview

- Implemented in 2008
- Plan addresses long term environmental issues in Lake Simcoe and its watershed by:
 - Promoting immediate action to address threats to the ecosystem (ex/ Phosphorus)
 - Targeting new and emerging causes of stress such as invasive species and climate change
 - Protecting and restoring important natural areas such as shorelines and wetlands
 - Restoring the health of the fish and other aquatic life
- MNRF is accountable for 36 of the 63 Strategic Action policies in the Lake Simcoe Protection Plan (LSPP) and 3 of the 4 monitoring policies
- Implementation is carried out by MNRF Regional Operations Division and Science and Research Branch



MNRF Role on Lake Simcoe

Fish Community Objectives

- Strategically guide planning and implementation of development activities and inform stewardship activities
- Identify and enhance critical near shore habitat and enhance critical fish populations and support native component of fish community including habitat improvement, and monitoring eg. Muskie and Walleye
- Development of Brook Trout implementation plan strategy
- Fisheries stakeholder committee

Natural Heritage

- Development of a Shoreline Management Strategy
 - promote a strategic, informed and consistent approach to naturalizing shoreline
 - Includes Landowners' Guide, Contractors' Guide, and Municipal Guide
 - Working with partners to address outstanding comments in order to finalize and distribute
- Identify stressed subwatersheds and identify priority areas for restoration



MNRF Role on Lake Simcoe

Invasive Species

- Manage invasive species public education and outreach programs Evaluating and mitigating the potential high-risk pathways
- Invasive species outreach to educate public on common invaders, preventing the introduction and spread, and the importance of early detection and reporting (In partnership with OFAH)
- Water Soldier Response Plan: designed and implemented to eradicate invasive aquatic plant from the Black River
- Early Detection and rapid Response Framework

Stewardship and On The Ground Action

- Support on the ground actions through stewardship and outreach projects including:
 - Shoreline and riparian restoration on priority sites in identified stressed subwatersheds.
 - Shoreline naturalization projects, wetland restoration projects, spawning nursery habitat restoration.
 - Support delivery of Community Stewardship Program (DSLNS)
 - Stewardship Youth Ranger Program
- LSSN



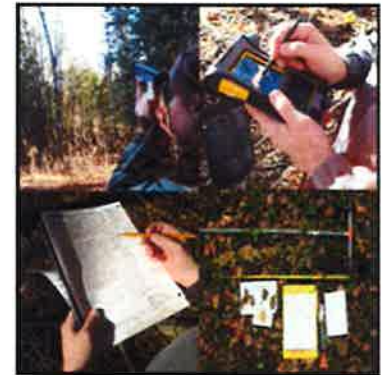
MNRF Role on Lake Simcoe

Monitoring and Research

- **Annual aquatic monitoring program** (Small fish offshore/nearshore index netting, creel surveys, fish diet and growth studies, etc.)
- Research on aquatic communities to address knowledge gaps: includes hydro acoustic surveys, pelagic netting, investigating impacts of climate change and invasive species
- **Vegetative Sampling protocol**
 - Implemented baseline terrestrial monitoring program to identifies and map areas of high quality natural cover that are 25 hectares or greater (in partnership with U of T)
 - Additionally, captures invasive species data

Information Management and Sharing

- Landscape level mapping (eg. wetlands and woodlands, updated and posted to LIO)
- Oblique imagery: promote use of high resolution digital imagery of shoreline to detect trends through time
- Present at conferences (IAGLR, Lake Simcoe Science Forum Latornell)



Questions?