

Overview

Purpose of this Presentation

Thank-you Mayor and Council for permitting NVCA to:

- Discuss NVCA's role, mandate and jurisdiction
- Outline program areas & their value to Barrie
- Highlight key issues for the future



Role & Mandate





NVCA was created in 1960 at the request of all watershed municipalities under the *Conservation Authorities Act* (RSO, 1946)

Role & Mandate

 Section 20 of the Act enables a conservation authority:

> "to establish and undertake, in the area over which it has jurisdiction, a program designed to further the conservation, restoration, development and management of natural resources..."

 Section 21 of the Act defines 18 specific areas to be delivered.



Fundamental Principles

Ontario's 36 conservation authorities are based on 3 fundamental principles:

- 1. Watershed based jurisdictions
- 2. Local decision making
- 3. Funding partnerships



CONSERVATION AUTHORITIES OF ONTARIO Conservation ONTARIO Ottawa Amorion Russell Raisin Almonte South Nation Carleton GEORGIAN BAY Place Smiths Mississpippi Falls Rideau Athens Brockville Crowe Valley Legend Conservation Authority Boundaries Cataraqui Quinte Meaford Havelock Collingwood LAKE HURON Lindsay Grey Kawartha Otonabee Sauble Belleville Lake Lower Trenton Simcoe Trent Nottawasaga Valley Newmarke Ganaraska Saugeen Richmond Orangeville Central Lake Toronto Wingham Ontario Region LAKE ONTARIO Goderich Maitland Listowel Fergus Toronto Credit Valley Mississauga Valley Grand Clinton River Halton This map is illustrative only. Do Not rely on it as being a precise indicator of routes, locations of features, nor as a guide to navigation. Published 2015 (c) 2015, Queen's Printer for Oritario Sources of Information: Boundary, Lake and Waterbody Hamilton data from Land Information Ontario and Corresponding Conservation Authorities, covered under OGDE data sharing agreement. Map Produced in Co-Operation with the Upper Niagara Woodstock Ausable Falls **Thames** Bayfield Niagara Norwich Northern Ontario Tillsonburg Simcoe Port Thomas Long St. Catfish Point Lower Kettle Thames Creek Wawa Mattagami New LAKE SUPERIOR Liskeard Windsor Esse LAKE ERIE Essex Sturgeon North Sault Ste Sault Nickel Elliot Leamington Falls Lake Marie Ste. Map Datum & Projection: NAD 83 Greater Sudbury North Ontario MNR Lambert Bay-Mattawa 120 0 15 30 www.conservationontario.ca ■Kilometers

About the Nottawasaga Valley Watershed

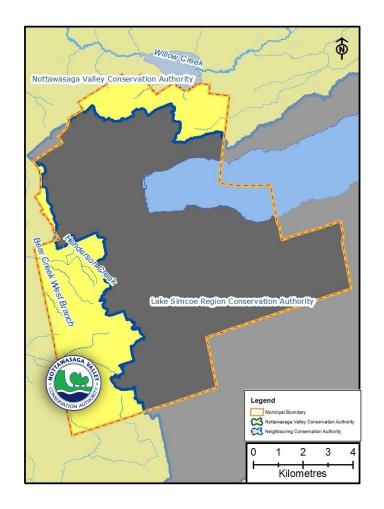


• 3,700 km² in size

- Oak Ridges Moraine
- Niagara Escarpment
- Minesing Wetlands
- Georgian Bay



About the Nottawasaga Valley Watershed



In Barrie:

- NVCA jurisdiction covers 29.7 km² (27%) of the city
- Little Lake, and Bear and Henderson Creeks are part of the watershed



Economic Drivers in the Watershed

Wasaga Beach Longest freshwater beach in the world

Nottawasaga River Key Ontario Fishery (Nursery, Spawning)



Oak Ridges Moraine

Drinking Source
 Water Protection

Economic Drivers in the Watershed

Growth Plan

 Ontario focus for economic growth

Tourism

Blue Mountains,
 Bruce Trail, etc.



Agriculture

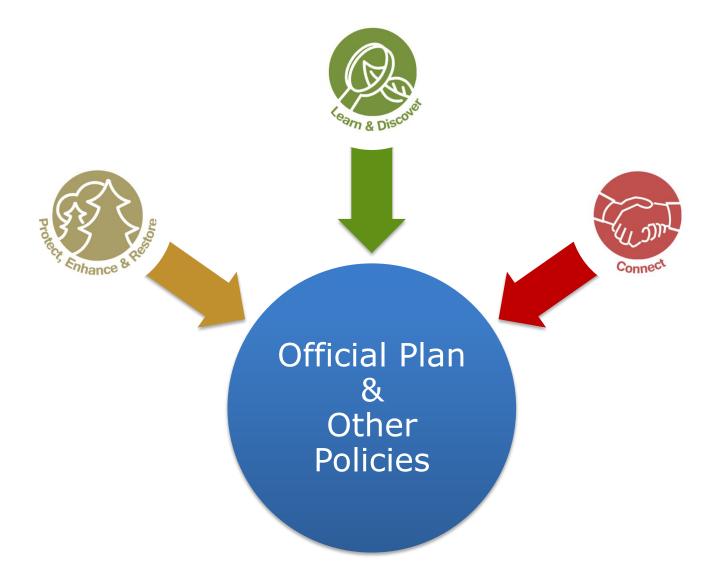
Vibrant agricultural sector

Programs & Services

- CAO reports to 18-member Board
- 4 Service Areas:
 - Planning Services
 - Engineering & Technical Services
 - Lands, Education & Stewardship Services
 - Corporate Services



Aligning our Common Goals





Aligning our Common Goals

Adding Value for Barrie Residents



- Protect life and property from hazards
- Protect, enhance and restore watershed health



 Seek new knowledge and share information





 Connect people with the watershed

Aligning our Protection Goals Supporting Barrie's Official Plan Goals

- To identify, protect and enhance natural heritage features and areas...for the benefit of future generations...
- To promote the protection of natural vegetated areas as a contiguous unit.
- To maintain or enhance the long term environmental quality... recognizing that the City is the principal growth centre of the region.



Aligning our Protection Goals Supporting Barrie's Official Plan Goals, cont.

 To encourage the management of Barrie's...watersheds to maintain or enhance the natural quality of...Little Lake and valley and stream corridors within the City.

 To protect people and property and to minimize social disruption within the City from natural hazards including flooding and erosion.



Planning Services, 2015

17 Conservation Authorities Act Approvals 5 Zoning Amendments, OP Amendments 2 Consents, Variances & NEC 3 Site Plans Reviews 1 Plan of Subdivision Review



1 Environmental Assessment Review

Engineering Services, 2015





9 Flood Messages Issued

Engineering Services, 2015





3 Benthics Monitoring Sites

Lands & Stewardship Services for Barrie, 2015







 100 m of Stream Rehabilitated or Protected

Education & Outreach, 2015



5,800 students from Barrie attended programming at the Tiffin Centre



Education & Outreach, 2015

- nearby recreational conservation lands
- special events:
 Spring Tonic
 Festival, Family
 Day
- opportunities for involvement (committees, volunteers)





Aligning our Common Goals

Value Proposition

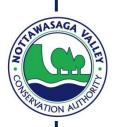
- NVCA reduces Barrie's liability by regulating floodplains, protecting wetlands and calculating cumulative flood impacts between municipalities.
- NVCA addresses the Provincial Policy Statements for natural heritage and hazards in a cost effective manner on behalf of Barrie.



The natural hazard (floodplain regulation) is mandated to NVCA by the Province.

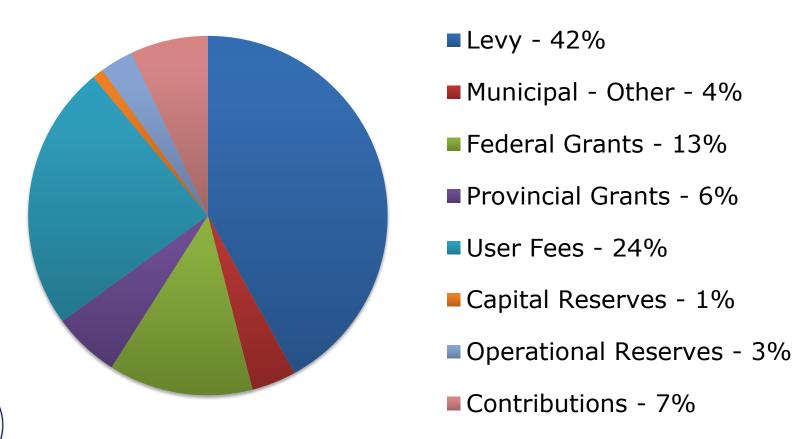
Aligning our Common Goals Value Proposition, cont.

- NVCA monitors ground and surface water to alert the municipality to potential environmental concerns.
- Completed 1 Stewardship & Forestry Project along Bear Creek
 - Total project value \$4,300
 - Including \$941 stewardship grant



2016 NVCA Budget Overview

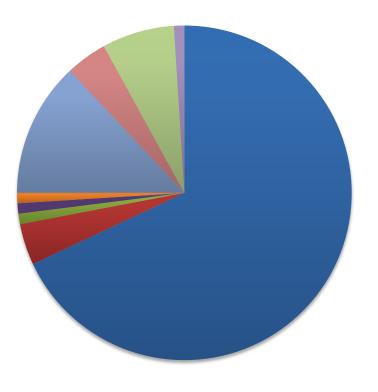
Total Revenues for 2016: \$4,990,861





2016 NVCA Budget Overview

Total Expenditures for 2016: \$4,990,861

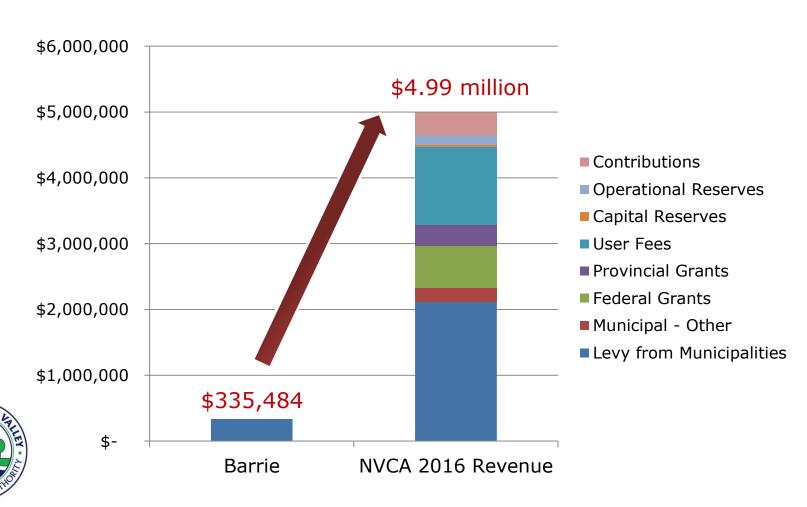


- Wages & Benefits 68%
- Amortization 4%
- Advertising 1%
- Travel & Vehicle 1%
- Interest & Bank 0%
- Training & Memberships 1%
- Office & Project Materials 13%
- Occupancy & Utilities 4%
- Consulting Fees 7%
- Purchased Assets 1%



2016 NVCA Budget Overview

Leveraging Barrie's Levy



Key NVCA Priorities

- 1. Service Delivery and Operational Review
- 2. Conservation Authorities Act Review
- 3. NVCA Fees Review (2015/16)
- 4. Federal Clean Up Fund
- 5. Invasive Species
- 6. Climate Change





Thank-you

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