



Delegations/
Public Meetings



**NOTTAWASAGA VALLEY
CONSERVATION AUTHORITY**
**50 years of conserving our
healthy waters**

Presented to Melancthon
Township Council
March 3rd 2011
Governance and Budget



Content

- Historical context
- Hurricane Hazel
- 1960 NVCA formed
- Governance
- Programs/Budget
- Future challenges

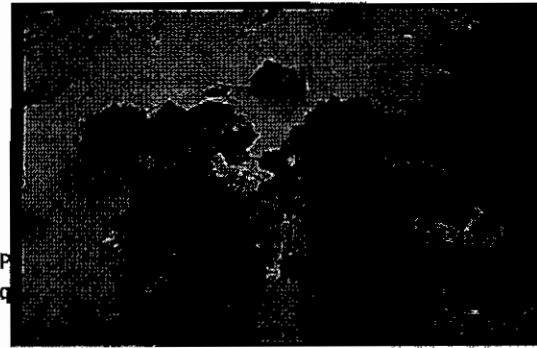




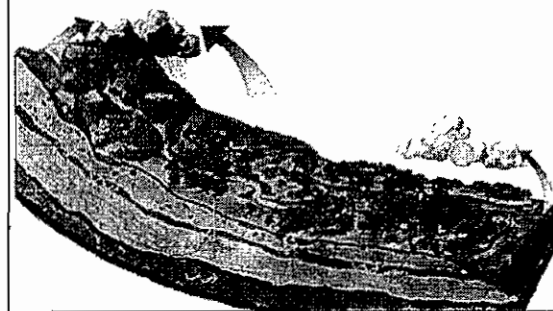
Hurricane Hazel - October 1954


- Historic development/land use contributed to the impact of the tragedy
- 6 deaths in our watershed and many injuries
- Tens of millions of dollars of property damage
- Population feels unsafe – when will it happen again?

HURRICANE HAZEL 1954




Everything is connected
What you do affects people downstream



 **Conservation Authorities Act**
Established in 1947

“The objects of an authority are to establish and undertake, in an area over which it has jurisdiction, a program designed to further the conservation, restoration, development and management of natural resources other than gas, oil, coal and minerals.”


 **NVCA established on May 5, 1960**
at the request of our watershed municipalities

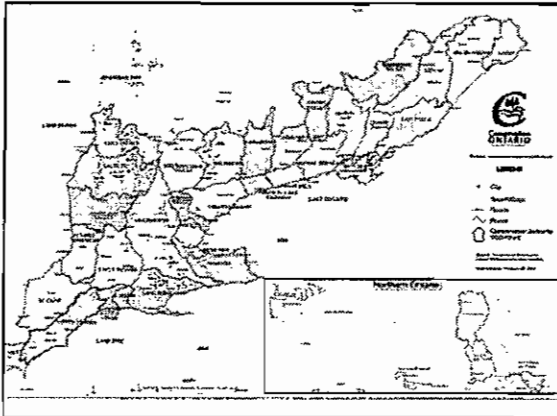
Early years focus - 1960s to 1990s

- Tree planting, ~100,000/year
- CA lands purchased to protect land and provide recreation (11,000 + acres)
- Flood and erosion control
- Regulations
- Partnerships

Budget was \$1 to \$2 million,
PROVINCE PROVIDES THE MAJORITY OF FUNDING (50-75%)



 **NVCA Boundary Map 2011**



Governance- NVCA's Board Members

- Represent watershed and municipal conservation interests
- Accountable, appointed by local municipality
- Govern NVCA consistent with legislation and policy
 - 15 Acts direct NVCA
- Hearing Board -- permit/policy appeals
- Set budgets and policy
- Ensure the NVCA is an effective Conservation Authority

2009 Board of Directors



Balance


SHORT TERM ECONOMIC
INTERESTS
PRESSURES

LONG TERM
ENVIRONMENTAL
ECONOMIC &
SOCIAL INTERESTS

Governance change

- **Historic 1960 to 2010**
 - Full Board, plus Executive, Plus Advisory Comms.
 - Concerns raised non- Exec. members isolated, costly
- **New Governance**
 - Full Board decisions
 - Chair, Vice-Chair and Past Chair support /direct business between Board meetings
 - Pros- better member involvement, save staff time & \$
 - To be reviewed after one year.

Legislation that impacts NVCA -15 Acts:

- | | |
|---|---|
| <p>PROVINCIAL</p> <ul style="list-style-type: none"> • <i>Conservation Authority Act</i> <ul style="list-style-type: none"> – In particular– Ontario Regulation 172/06 • <i>Planning Act</i> amendments (Bill 26 & 51) <ul style="list-style-type: none"> – In particular– the 2005/11 Provincial Policy Statements. – Delegated provincial LEAD for natural hazard prevention – Public commenting body for natural heritage features • <i>Municipal Act</i> (reference to Sect 2B of the CA Act) • <i>Environmental Assessment Act</i> (commenting role) • <i>Aggregate Resources Act</i> (commenting role) • <i>Niagara Escarpment Planning and Development Act</i> (commenting role) • <i>Conservation Land Act</i> (approval) | <ul style="list-style-type: none"> • <i>Oak Ridges Moraine Conservation Act</i> (commenting role) • <i>Greenbelt Act</i> (commenting role) • <i>Places to Grow Act</i> (commenting role) • <i>Ontario Water Resources Act</i> (commenting role) • <i>Clean Water Act</i> (makes NVCA a Source Protection Authority) • <i>Nutrient Management Act</i> (some impact on stewardship) • <i>Lake Simcoe Protection Act</i> (possible future impact on stewardship) <p>FEDERAL</p> <ul style="list-style-type: none"> • <i>Fisheries Act</i> (commenting and Level II agent) |
|---|---|
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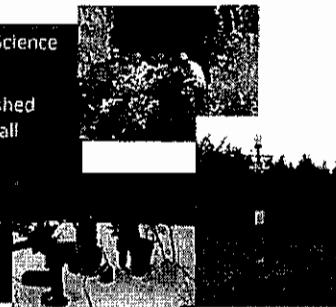
NVCA priorities

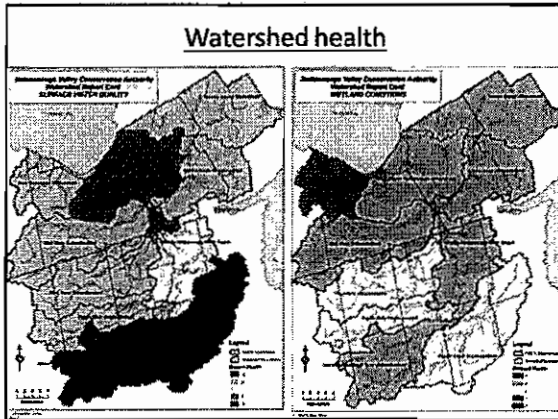
- **Protecting life and property from flood and erosion hazards,**
- >\$1 billion & 5,000 people
- **Promote safe and healthy environment**
- **Promote world class environmental recreation**
- **Promote wise growth, (3-4% +100,000)**
- **Support local economic growth,**
- > \$100 million of annual economic activity



Monitoring-Science

- **Comprehensive Science**
- **Complete Watershed Report Cards for all watersheds**
- **Basis for Targets**





Program: Forestry

- Technical support for Planning
- Planted 100,000 trees within watershed in 2010.
- Prepare private landowner forest plans.
- Partnership with Trees Ontario, County, Local
- 200,000 trees per year

A photograph showing a person sitting at a desk, working on a computer. The person is wearing a dark jacket and is looking at the screen.

Program Flood and Erosion Hazard Prevention


- 10-Weather, 9-Snow, 15-flow Stations
- Data is available for flood & drought forecasting and tracking
- Issued 10 – 15 Flood Hazard messages
- supports municipalities in Emergency Response and Land-use planning
- Target 0 lives lost and minimal property damage

A photograph showing a person standing in a field, possibly a riverbank or a flood-prone area. The person is wearing a dark jacket and is looking towards the camera.


Program: Environmental Education and Outreach


- 9,000 students in 2010
- Special Events: Family Day, Spring Tonic
- Launching New Outdoor Education Programs
- March Break Camps

A photograph showing a person sitting at a desk, working on a computer. The person is wearing a dark jacket and is looking at the screen.


 **Program: Conservation Land Management**


- Partnerships with municipalities, government agencies, grass-roots organizations
- 12 Conservation Areas, maintained, restored, promoted... (12,000 acres)
- Hunting and Lands Passes



 **Program: Stewardship**


- Habitat Protection and Restoration 50 to 700 projects
- Source Water Protection
- Bass Lake Stewardship Demonstration Project
- Healthy Waters Grants Program
- Species at Risk
- Invasive Species




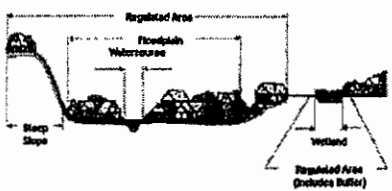
 **Program: Engineering & Technical Services**

Provide professional technical support in areas of expertise:

- Water Resource Engineering
- Hydrology
- Ecology
- Biology
- Geographical Information
- Flood Forecasting



 **Program: Planning and Regulations**
Development, Interference with Wetlands, Alterations to Shorelines and Watercourses

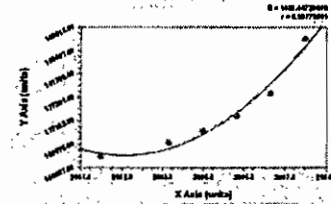


Target: 0 lives lost and min. property damage
0 unauthorized hazard land development

2011 Proposed Budget

- 7.39% increase for Melancthon over 2010, to \$9,406 = \$648 or total \$8.84/ resident
- 0% Increase per capita based on pop. growth over 2010, (best estimate)
- Average Municipal NVCA levy increase 3.96% throughout the watershed
- Fixed costs - OMERS added 2.0%, salaries, cost of living, all other costs added 1.96%
- Required to maintain level of service
- Initial draft +11.3%, to provide additional services recommended by Advisory Comm. Board members

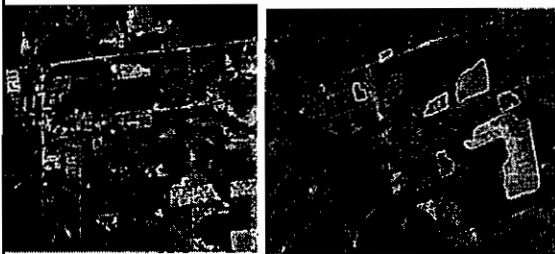
Population growth



- Budget strategy
 - maintain level of service, minimize levy increase
 - % growth = % levy increase (0% increase)



Development Growth

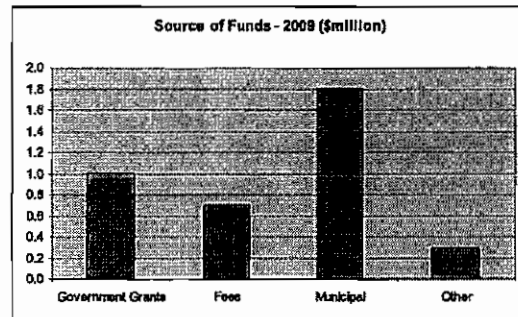


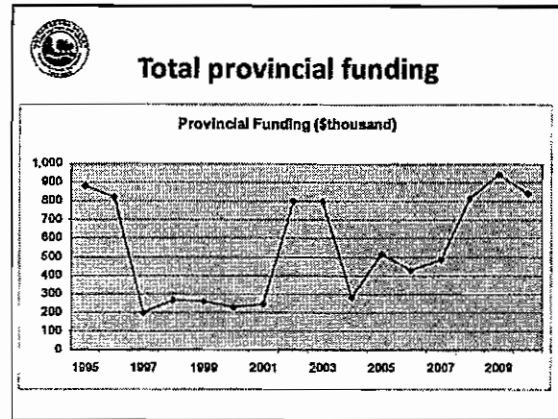
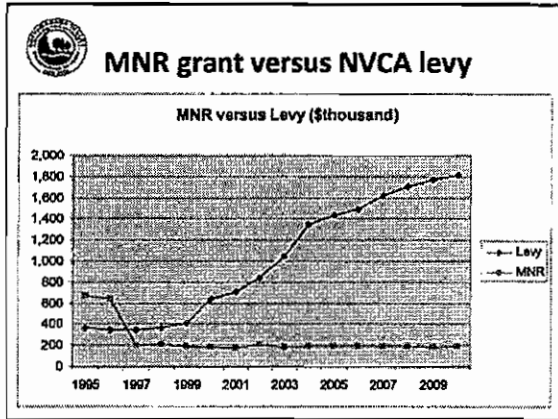
Angus 1989

Angus 2008



Sources of Revenue





Future challenges

- Growth, 3-4% per year = 100,000 next 20 yrs
- Resource capacity/ budget
 - Provincial operation grants
 - Increased CA workload— e.g. CWA
- High public expectation that the environment will be protected
- Role and Responsibility communication
- Municipal partnerships

We look forward to the next 50 years...

50 years of conservation

www.nvca.on.ca