

# Woodstock Natural Heritage Inventory

## Project Summary

# The Project

- Proposed to, and accepted by Woodstock City Council in May 2004
- Site specific natural heritage inventory of Woodstock
- Follows template of Stratford Natural Heritage Inventory (completed June 2004)
- Field work 2004 – 2005
- Report due early 2006

# The Project

- The inventory will include,
  - An ecological inventory of all natural woodland areas within the City of Woodstock
  - Aquatic habitat assessments for all open water courses in the City, including municipal drains

# The Process - Woodlands

- Prepare woodland patch mapping
  - Completed Summer 2004

# The Process - Woodlands

- Preliminary field investigation of candidate woodlots
  - Completed - Summer 2004
- Landowner contact
  - Planned – Spring 2005

# The Process - Woodlands

- Site-level inventory of accepted woodlots
  - Inventory of vegetation communities
  - List top 4 species for each vegetation layer
  - Delineation of boundaries of key ecological features
  - Assessment of site disturbance (human & invasive non-native species)
  - Fall 2004 – Summer 2005

# The Process - Woodlands

- Analysis of woodland data
  - Comparison of health & quality of woodlands
- Assigning woodland significance
  - Landscape-level criteria used to assign Provincial, County, or local significance

# The Process - Aquatic

- Assess all open water courses for habitat potential
- Assign habitat classification
- Analyze historical benthic & fish sampling data
- Undertake sampling to fill in data gaps
- Summer/Fall 2005

# The Report

- Early 2006 completion
- Report will include,
  - Site specific woodland & aquatic findings
  - Broad framework for a woodland strategy
  - Identification of key trends
  - Recommendations for protection/enhancement of woodland and aquatic resources
  - Maps