

Rideau Valley Conservation Authority

**International Symposium on
Freshwater Management in the
Great Lakes-St. Lawrence River Basin**

September 14, 2007

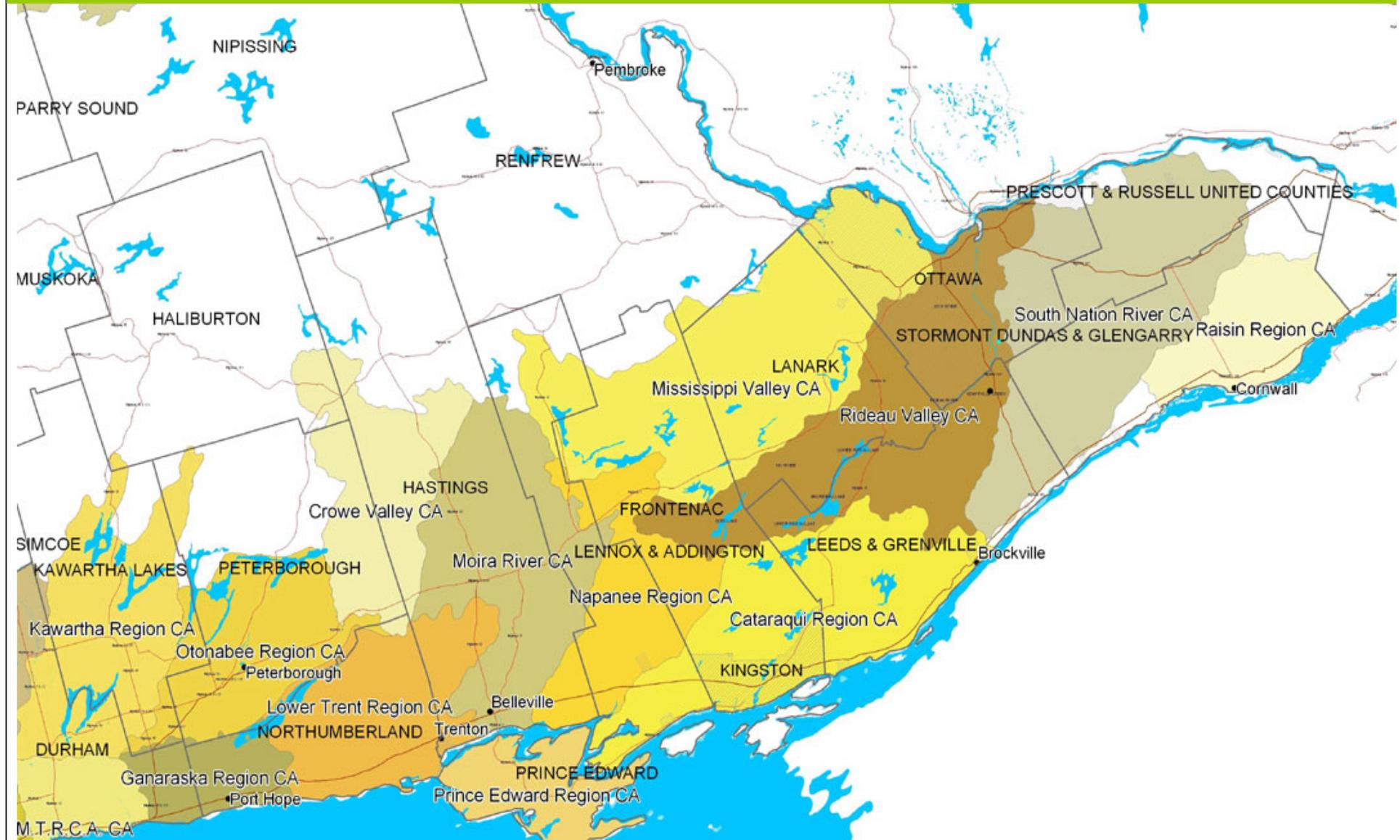
Sorel-Tracy QC

Conservation Authorities in Ontario

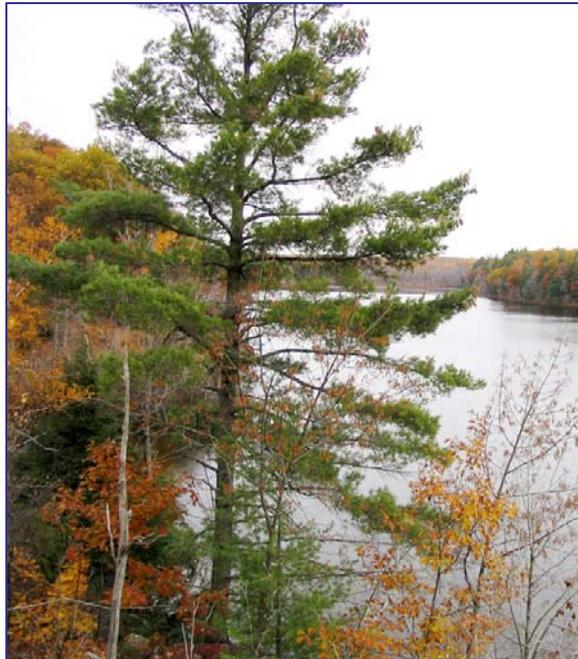


- **Partnership of Municipalities**
- **Watershed Jurisdiction**
- **Shared Funding**
- **Board of Directors**
- **Municipal Control**

Eastern Ontario Conservation Authorities



Long Term Vision

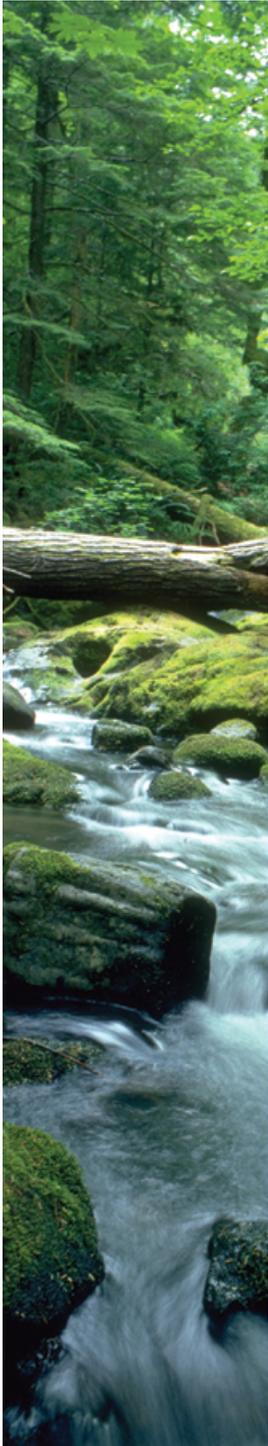


- **Water system clean and protected**
- **Water and land areas support a healthy ecosystem, and contribute to a healthy economy and community**
- **Work involves many small cumulative programs and projects**



Watershed Planning Monitoring and Reporting

- Watershed planning
- Surface water quality monitoring
- Streamflow and precipitation
- Groundwater monitoring
- Aquatic and terrestrial habitat
- Community based monitoring
- Municipal drain classification
- Watershed information system
- Source Water Protection Planning



RVCA Monitoring Sites

Current RVCA Monitoring Sites

- PGMN Well Sites
- Base Flow Sites
- OBEN sites
- Provincial Water Quality
- Water Quality Sites
- Gauge Sites
- Stream Survey
- Stream Assessment Sites
- River, Creek
- Water Body
- RVCA Watersheds



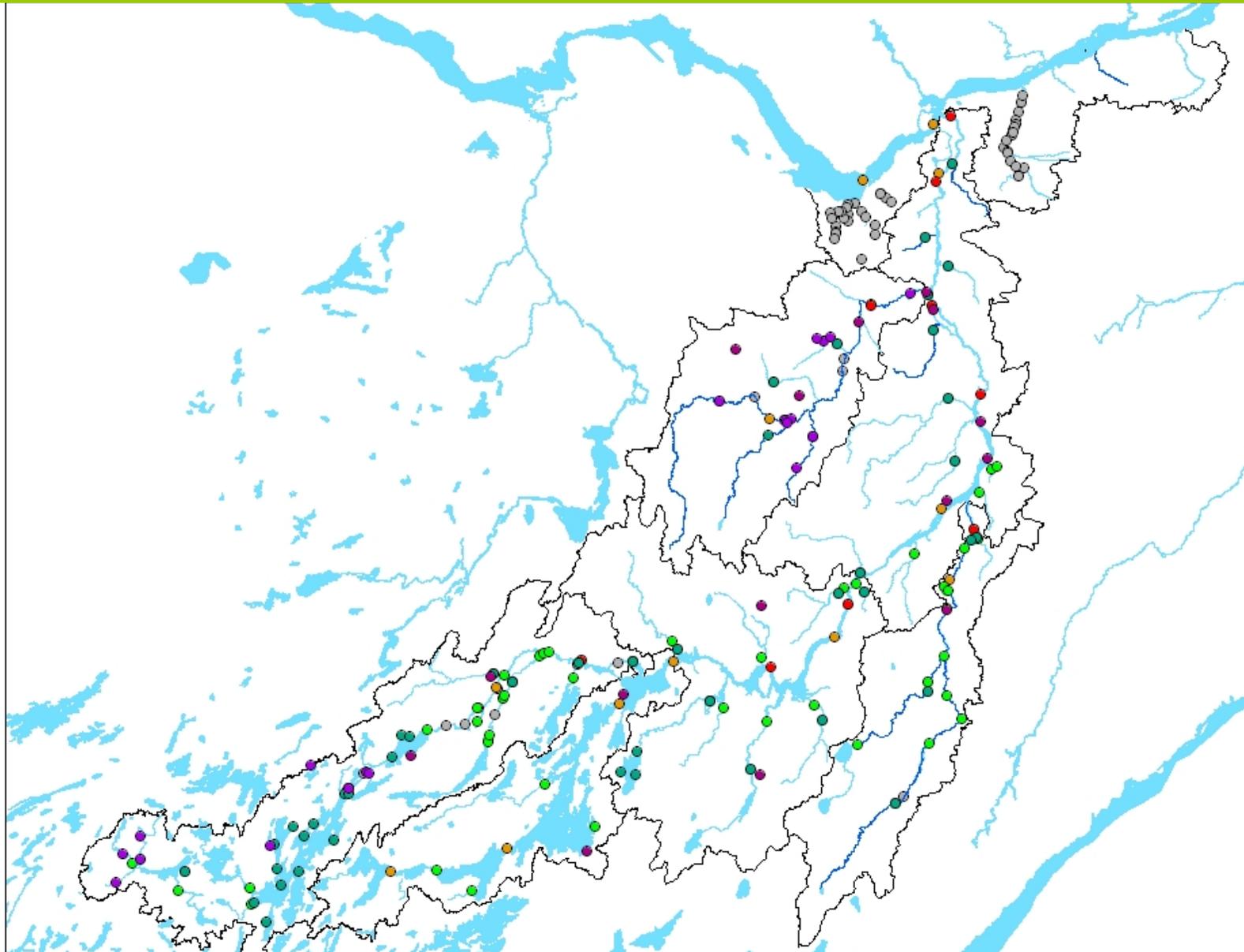
1:600,000

UTM Zone 18 Projection-NAD 83 Datum



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Planning Advisory and Regulatory Services

- Review of site specific development applications (1,200 per year)
- Official Plans, Comprehensive Zoning, Environmental Assessments (24)
- Section 28 CA Act Regulation (170)
- Section 25 *Canada Fisheries Act* (50)
- Septic System Approvals in Ottawa (900)
- Septic Re-inspection in three upper municipalities

Shoreline Stewardship Programs

- *The Brochure* (adopted by the Living by Water Project)
- *On the Waterfront* Tabloid
- *On the Living Edge* Handbook
- Shoreline Classification
- Working with Lake Stewards



Tree Planting Program

- Planted 150,000 tree seedlings this spring overall
- Planted 86,000 tree seedlings in upper watershed areas
- Over 3 million trees planted by RVCA over the past 22 years
- Special thanks to *our* many funding partners



Rideau Valley's Rural Clean Water Program



- **Voluntary**
- **Environmental Farm Plan required (for farmers) or an Environmental Property Plan (for rural non-farm landowners)**
- **Financial Incentives (50-75%)**
- **Application reviewed by Review Committee**

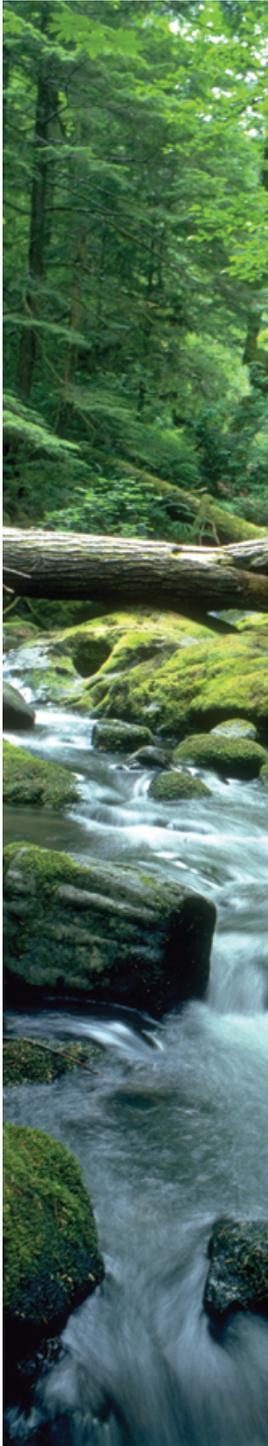
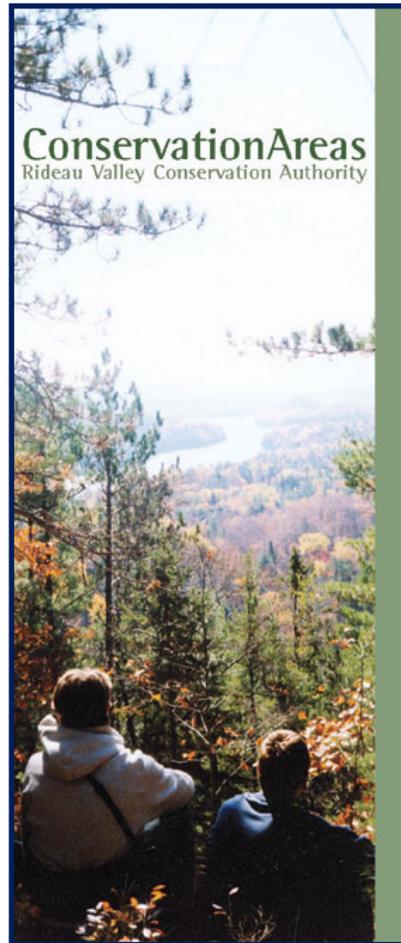
Rural Clean Water Program

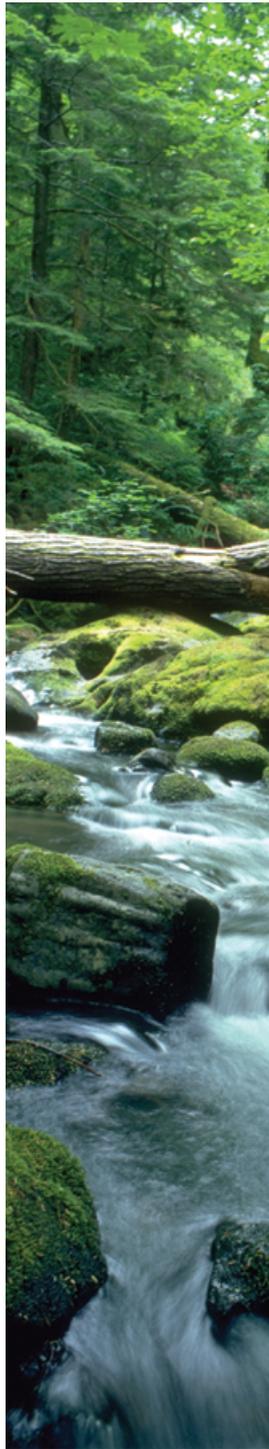
- 144 projects completed
- Approximately \$184,000 in grants
- Approximately \$580,000 (total project cost) invested in water quality projects



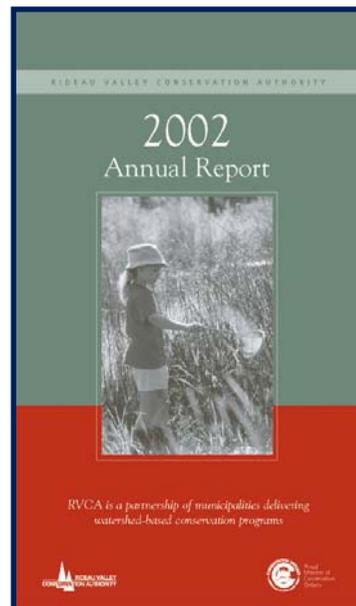
Conservation Areas

- 34 parcels of public land totaling approximately 5,500 acres
- 10 developed conservation areas
- Providing opportunities for the public to learn, enjoy and respect the natural environment
- Outdoor education programs at Baxter and Foley Mountain





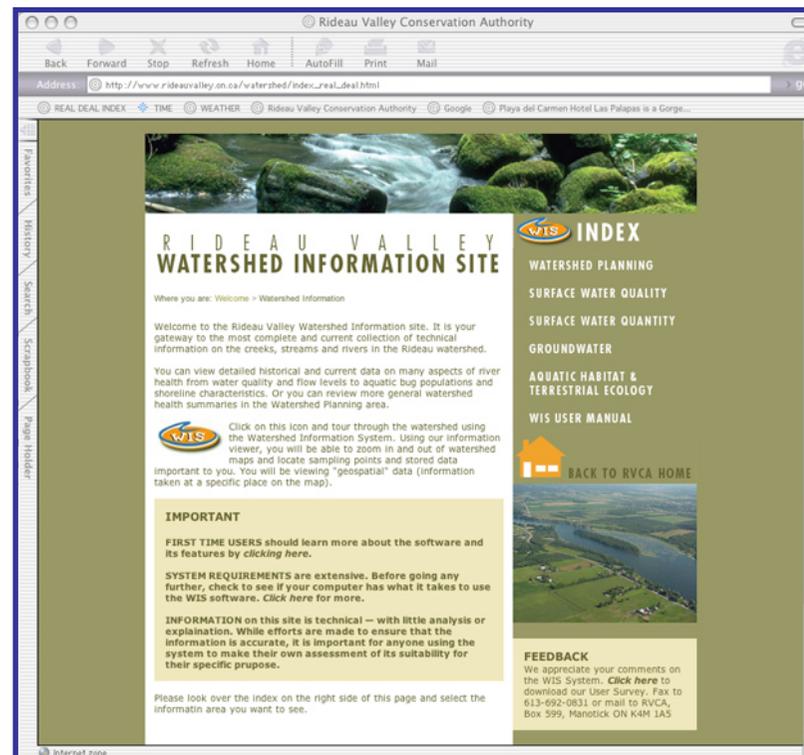
Public Watershed Information



- LandOwner Resource Centre
- RVCA Website and Watershed Information System
- Media releases
- RVCA Annual Report
- CA Viewpoints
- Conservation tabloids



Watershed Information System





Municipal Watershed Information

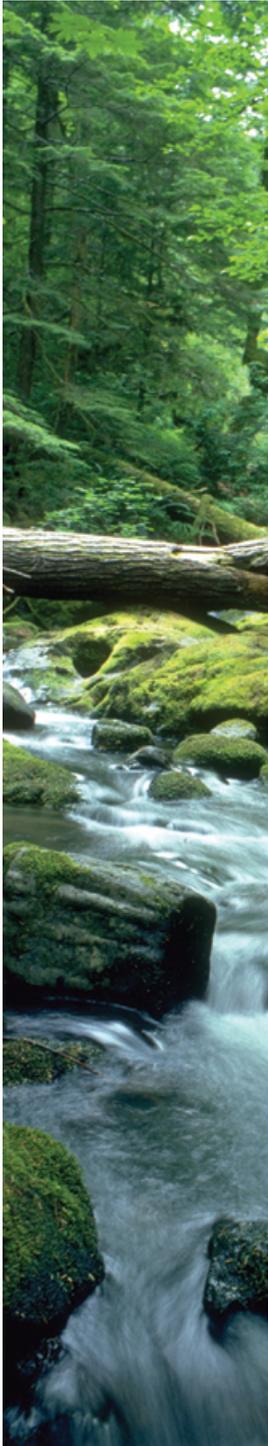
- *Around the Rideau* Municipal Newsletter
- Municipal Updates
- Meeting agendas, minutes and presentations



Rideau Valley Conservation Foundation

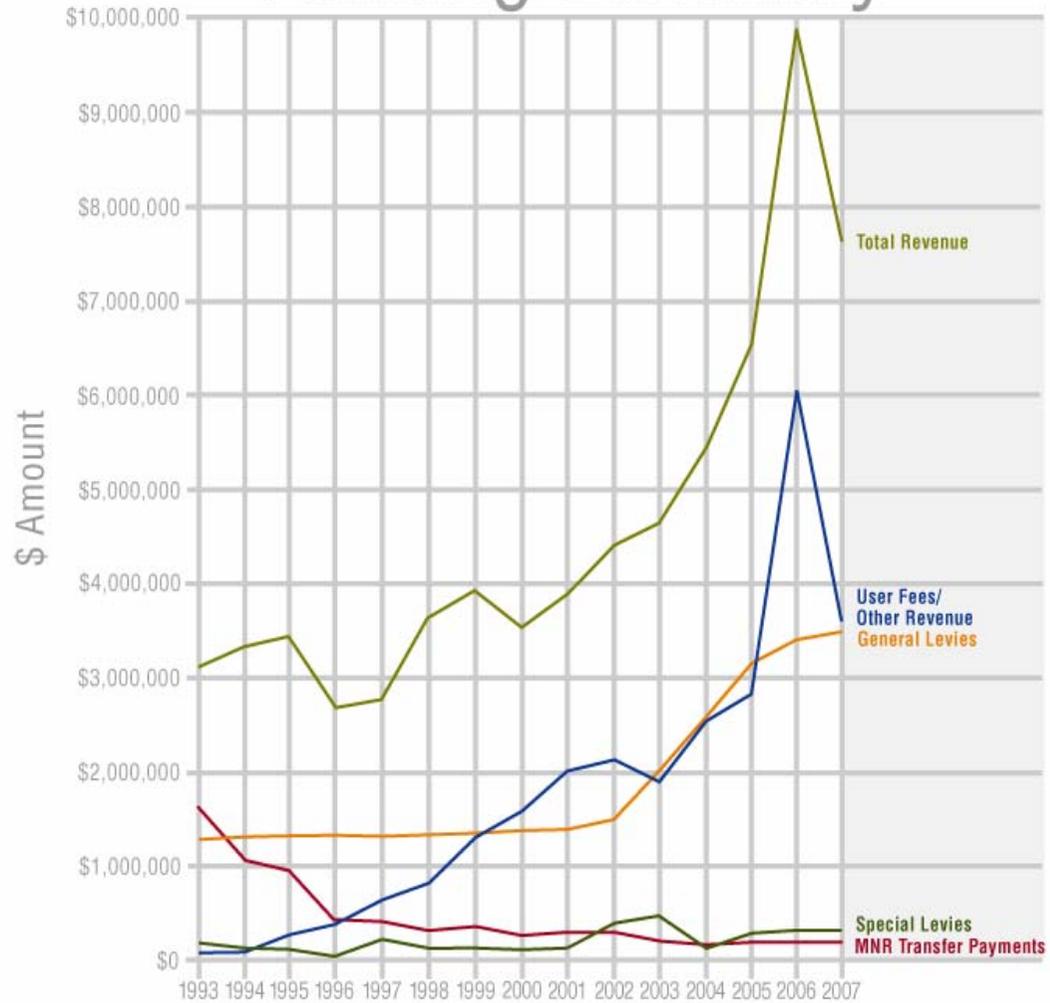


- Conservation Land Endowment Fund
- Williams Water Endowment Fund
- Environmental Land Fund
- Conservation Areas Fund
- Trees for Tomorrow
- Living Memorial Program





Rideau Valley Conservation Authority Funding Summary



Staff Expertise

- Engineers
- Planners
- Hydrogeologists
- Biologists/fisheries/water quality techs
- Foresters/forest techs
- Ecologists
- Septic Inspectors
- Public Education/Communications
- GIS Specialists
- Support Staff

Final Thoughts

- **Accountable to 18 municipalities across RVCA watershed**
- **Multiplier effect of leveraging \$ from other sources**
- **Broad range of technical staff expertise**
- **Cost effective field delivery organization**
- **At your service**