

Legend

Quinte Conservation 2005 Staff

* Contract Staff

General Manager/Secretary-Treasurer

Operations Manager

Water Resources Engineer

Community Relations Coordinator

*Naturalist

Financial Coordinator

Administrative Assistant

Environmental Services Coordinator

Environmental Program Manager,

Source Water Protection Program Manager

Campground Manager/Field Supervisor

Forest Specialist/Field Supervisor

Field Specialist

*Landowner Contact, Wetland Habitat Fund

*Curator O'Hara Mill

Planning and Regulations Assistant

Environmental Planning Technician/Ecologist

*Environmental Water Quality Technician

*Water Resources Technician

Hydrogeologist

*GIS Technician/Biologist

*GIS Database Specialist

*Communications and Marketing Assistant

*Surface Water Specialist

*Source Water Protection Administrative Assistant

*Day Camp Coordinator/GIS Technician

*Assistant Water Quality Technician

*Office Assistant/Electronic Filing Technician

*Labourer

*Forestry Technician

Terry Murphy

Paul McCoy

Bryon Keene

Lucille Fragomeni

Terry Sprague

Tammy Smith

April Brant

Andrew Schmidt

Keith Taylor

Harry Stinson

David Smallwood

David Dies

Andrew Mack

Jack Dixon

Catherine Sinclair

Tim Trustham

Lynette Dawson

Adam Wilson

Mark Boone

Brad McNevin

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Julie Schulenburg

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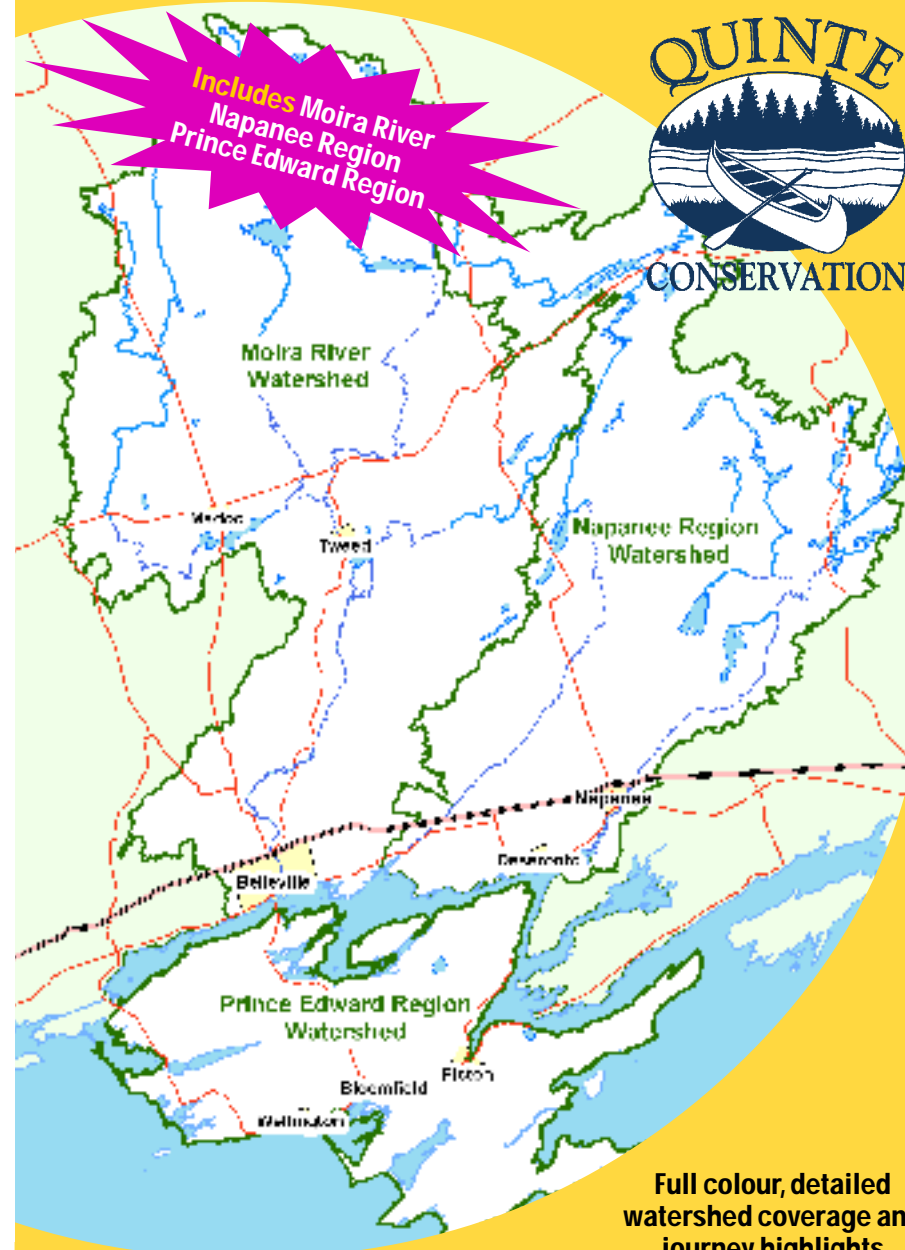
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Quinte Conservation is a member of Conservation Ontario



Quinte Conservation Road Map 2005



2005 Points of Interest

Water Quality

- Quinte Conservation participates in the Provincial Water Quality Monitoring Network. 104 surface water samples were taken in the Moira River Watershed, 60 in the Prince Edward Region and 32 in the Napanee Region.
- Quinte Conservation participates in the Ontario Benthos Biomonitoring Network. This environmental tool uses bottom-dwelling organisms as indicators of stream health. There are 15 sample sites in the Moira River Watershed, seven in the Napanee Region and five in the Prince Edward Region. New in 2005, surface water samples were taken to provide additional information on water quality. Long-term monitoring will help to identify changes (degradation or improvement) in the watersheds.

Source Water Protection

Staff began gathering scientific and technical data required for the preparation of a plan to protect drinking water sources. The planning process will begin following the passing of the Clean Water Act, anticipated in 2006. The plan, to be fully funded by the province, will be developed through an open process with input from many sectors.



Stormwater Management

- Stormwater management guidelines were updated in 2005.
- The addition of a Water Resources Technician on staff resulted in reduced turnaround times for development reviews.

Flood Forecasting

- Improvements to the flood forecasting computer model were made in 2005.
- A new rain gauge was installed on the Clare River and another installation was started on the Black River in Prince Edward County. Improvements were made to gauges on Depot Creek and Consecun Creek.
- These advancements, including the acquisition of three satellite phones, are funded by provincial grant and will help Quinte Conservation protect lives and property from the dangers of flooding.

Dam Safety Studies

Safety studies, funded by special levy and capital provincial grant, are in the works for most Quinte Conservation dams. Studies were completed this year for the six ice control dams in Belleville and the Lingham Lake dam.

Watershed Stewardship

- Quinte Conservation, in partnership with other stewardship organizations, worked with landowners to implement 35 watershed stewardship projects that will improve water quality and wildlife habitat on 381 acres of wetlands and watercourses, and 1,621 acres of uplands and reforested areas.
- Landowners received \$75,000 in grants for these projects. This grant amount represents 1/3 of the total projects value.
- Land stewardship and wildlife habitat enhancement ideas were provided to over 250 landowners.

Permits and Regulations

- Regulations that protect lives and property from the dangers of flooding and protect floodplains, wetlands and other sensitive areas require a permit for work near these sites. There were 315 applications received, up 20% over 2004. Technical advice from Quinte Conservation assisted landowners to meet requirements for proposed projects. Most applications were approved, some were withdrawn or put on hold, and only one was denied in 2005.
- Staff responded to 92 legal enquiries, down 32% from 2004.
- As required by the Province, updates and related mapping were completed to revise existing regulations, now known as the Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation.

Planning

There were 217 Consent to Sever, five Official Plan Amendments, 28 Minor Variances, 15 Zoning By-law Amendments and six Sub-division Plans reviewed. 40 preliminary visits were conducted. For each application a site visit and a response letter is prepared.

Fish Habitat Improvement Project - Moira River

This project was completed by the City of Belleville with support from Quinte Conservation and the Ontario Great Lakes Renewal Foundation. It will provide spawning and resting areas for walleye and other species of fish including rock bass, pumpkin seed and whitefish. The project was designed as planned compensation for any fish habitat lost during the construction of the Riverfront Trail.



Prescribed Burn

In April a prescribed burn was carried out at Massassauga Point Conservation Area in Prince Edward County to help restore a globally rare Bur Oak Savanna ecosystem. The fire was a carefully monitored, low intensity ground fire in a six-acre plot within the 65 acre conservation area. Funding was from the Habitat Enhancement Program of the Bay of Quinte Remedial Action Plan with support from the Friends of Massassauga and Quinte Conservation.

Low Water Response

A Level I drought existed in Quinte Conservation watersheds during the summer. Level I, the lowest of three levels of concern, calls for a voluntary reduction in water use to reduce the demands on an increasingly limited water supply.

Forestry

Quinte Conservation has approved forest management plans for all of its properties. There were 20 hectares of hardwood forest in Madoc Township selectively harvested to improve forest health, while taking into account wildlife and environmental requirements. This harvest will result in a healthier, more productive and diverse forest.

Tree Planting

- Millions of trees have been planted in the Quinte Conservation watershed since 1947 with 46,650 seedlings ordered through the Tree Seedling Stock Program in 2005.
- Another 50,000 trees were planted with \$25,000 from a pilot project, Forest 20/20, of Natural Resources Canada.

Depot Lakes Campground

Quinte Conservation's Depot Lakes Campground, with 17 interior campsites and 60 seasonal campsites, generated revenue of \$76,666.



Public Information Sessions

- Information sessions were held in October at Quinte Conservation, in Picton and in Selby regarding updates to the former Fill, Construction and Alterations to Waterways Regulations. Over 100 attended.
- In September, Quinte Conservation asked for public input on the proposed hydro-electric generation at the McLeod Dam on the Moira River in Belleville. With a retro-fit, the McLeod Dam could produce enough power to supply 200 homes with 'Green Energy'.

Outdoor Interpretive and Education Programs

- Over 600 people took part in the popular outdoor program which included: a series of 18 evening hikes, a cross country ski interpretive tour, the six-week Bird Identification course, interpretive hikes at Bird Migration Awareness Week in Prince Edward County, three full day hikes, guided hikes at Activity Days at the H.R. Frink centre and hikes at Heritage Day at O'Hara Mill Pioneer Village.
- Children 7 to 13 had fun learning about nature at summer Conservation Camps at Macaulay Mountain and Quinte Conservation Areas. Offered with the support of Rotary Clubs, full registration of 160 children was attained in Belleville and 80% capacity in Picton.
- 56 elementary schools in the watershed were encouraged to cover the topic of Spring Water Safety, using resources available at www.quinteconservation.ca, their school library and at their school board.

Information Meetings for Municipal Personnel

Keeping municipal partners well informed is a priority. Meetings about Source Water Protection and information sessions regarding the required updates to Conservation Authority Regulations were held for personnel of member municipalities.

Cleanups

- The 13th Annual 'Trash Bash' road-side litter cleanup took place in April in communities across the Quinte Region. Partners included Quinte Conservation; Prince Edward Round Table on Environment and Economy; and Quinte Watershed Cleanup.
- In May, Quinte Conservation and Belleville Parks & Recreation organized a cleanup of Cascade Park and Scout tree planting event with help from Centennial Secondary students and local residents.
- Quinte Bassmasters collected six boat loads of garbage at Deerock Lake Conservation Area and the islands during their October cleanup.
- Great news from the Moira River Cleanup held October 1st; students found less litter than ever before.



Fundraisers

- The 18th Annual Prince Edward County Conservation Dinner, held in April, raised \$12,000.
- The annual O'Hara Mill Fundraising Dinner, held in June, raised \$11,000.

Summer Employment

Employment grants from Job Connect, the Summer Career Placement program and Experience program made it possible to employ 16 students from seven to 17 weeks.

Volunteers

- 38 Watershed Watch volunteers from across the region collected rainfall data that assists in flood forecasting and other programs like Low Water Response.
- Volunteers contributed time and expertise to events, to environmental cleanups, administrative tasks and site improvements at O'Hara Mill Pioneer Homestead; Massassauga Point; the Frink Centre; Quinte and Sheffield Conservation areas; "Birdhouse City".

Workshops

- In cooperation with the Bay of Quinte Remedial Action Plan, Quinte Conservation offered the springtime Community Wildlife Monitoring Workshops to 55 interested volunteers. They learned how to monitor frogs and amphibians, forest birds and marshes.
- An April Watershed Watch workshop was offered for volunteer precipitation data collectors.
- Members of the Kennebec Lake Association learned about water quality sampling and how bottom dwelling creatures can be used to monitor stream health at a November hands-on workshop.
- Improving tree seedling survival was one of the topics at the November Tree Planting Workshop.
- Well Awareness workshops were offered in the Villages of Arden and Milford in November and December.



Rotary Conservation Pavilion

Rotary Club of Quinte Sunrise members generously contributed materials and labour to construct a Conservation Education Pavilion at the Quinte Conservation Area in celebration of the Rotary Centennial.

Technology

- On-line registration was available for the first time this year for Conservation Day Camp and Depot Lakes Campground registrations.
- All staff began using 'Libertynet' as of January 1st. This digital electronic filing system makes searching for files easy, saves paper and filing space. Scanning of historical documents and files into the system is ongoing.
- GPS (Global Positioning System) technology was used to generate accurate trail maps of several conservation areas, provide accurate information to watershed residents, and to confirm several Quinte Conservation property boundaries.
- GIS (Geographic Information System) software was upgraded to ARCMAP 9.1 and was used to: import GPS data to produce accurate maps; create maps required for the updated regulations; produce habitat analysis maps for the Bay of Quinte Remedial Action Plan; satisfy internal mapping requirements; and to produce preliminary maps for Source Water Protection.
- Three satellite phones were acquired to assist with flood forecasting and emergency communications.

Quinte Conservation, one of Ontario's 36 conservation authorities, is a community-based environmental protection agency that provides cost-effective environmental expertise and leadership that develops and delivers programs to ensure the healthy coexistence between the community, its environment and its economy.

Quinte Conservation's area of jurisdiction includes the drainage basins or watersheds of the Moira, Napanee and Salmon Rivers and all of Prince Edward County. This 6,200 square kilometre region is home to over 110,000 people living in 18 municipalities.

Quinte Conservation works with landowners, community organizations, businesses, local municipalities and all levels of government. In particular, Quinte Conservation provides important conservation advisory services to its local municipalities.

Quinte Conservation owns over 30,000 acres of land ranging from small parcels at some of the 39 water control structures, to large tracts of over 1,000 acres, many with significant natural features.

Quinte Conservation's success is based on: local initiative, watershed jurisdiction and partnerships in resource management.

Quinte Conservation Executive Committee

Jack Nicolson, Quinte Conservation Full Authority Chair
 Robert Sager, Quinte Conservation Full Authority Vice-Chair

Moira River Watershed Advisory Board

Robert Sager, Chair	Township of Madoc
Jackie Denyes, Vice-Chair	City of Belleville
Teresa Whitmore	City of Belleville
Egerton Boyce	City of Belleville
Roy Ingram	City of Quinte West
Stead Covert	Tudor & Cashel Townships
Eythel Grant	Township of Addington Highlands
Rita Cimprich	Municipality of Marmora & Lake
Dale Grant	Township of Stirling Rawdon
Larry Mitz	Municipality of Centre Hastings
Stan Meeks	Municipality of Tweed

Napanee Region Watershed Advisory Board

Jack Nicolson, Chair	Township of Central Frontenac
Roger Cole, Vice-Chair	Town of Greater Napanee
Doug Bearance	Township of Stone Mills
William Robinson	Township of South Frontenac
Ric Bresee	Loyalist Township
Wayne Pascoe	Tyendinaga Township
Barb Thompson	Town of Deseronto

Prince Edward Region Watershed Advisory Board

George Underhill, Chair	County of Prince Edward
Joe Eberwein, Vice-Chair	County of Prince Edward
Bev Campbell	County of Prince Edward
Monica Alyea	County of Prince Edward
Jim Dunlop	County of Prince Edward
Steve Harris	County of Prince Edward
Marc Vermander	County of Prince Edward
Stacey Hatch	County of Prince Edward

