

2011 Annual Report



Message from the Chair and CAO

Our work at Kawartha Conservation is all about partnerships and working with people across the watershed.

Our partners are actively involved in decision-making and contributing to the development of lake management plans for Balsam, Cameron, and Sturgeon lakes, and implementing the Lake Scugog Environmental Management Plan.

Another example is our securement of 200 acres of sensitive lands in East Cross Forest, on the Oak Ridges Moraine, through a partnership with Ontario Heritage Trust.

Our municipal partners are also a critical part of our success. They have provided strong financial support to enable us to deliver priority programs, in addition to working with us in the development of draft drinking water policies and plans, and assisting in improving the procedures that guide how we comment on planning matters and administer our regulation.

This year, we also engaged dozens of stakeholders, municipal leaders, agency representatives, community leaders, and our Board of Directors and staff in the development of a 5-year strategic plan. This collaboration resulted in a New Vision—"A sustainable watershed with clean and abundant water and natural resources assured for future generations."

Our ability to achieve our vision is closely tied to our work with the community. It was a pleasure to recognize nine outstanding people and groups at our Annual General Meeting in January 2012, where we presented Environmental Recognition Awards (see kawarthaconservation.com/awards).

We would like to thank everyone who shared in our activities in 2011. The accomplishments highlighted in the following pages could not have been achieved without you.



Donna Villemaire
Chair



Rob Messervey
Chief Administrative Officer

About Kawartha Conservation

2011 Board Members

CHAIR

Donna Villemaire
City of Kawartha Lakes

VICE-CHAIR

Pat Warren
City of Kawartha Lakes

DIRECTORS

Jim Chaplin
Township of Cavan
Monaghan

John Hancock
Township of Scugog,
Region of Durham

Ron Hooper
Municipality of Clarington,
Region of Durham

Don LaCombe
Township of Galway-
Cavendish & Harvey

Chuck Mercier
Township of Scugog,
Region of Durham

Ted Smith
Township of Brock,
Region of Durham

Heather Stauble
City of Kawartha Lakes

We are a community-based, resource management organization that helps ensure the conservation, restoration, and responsible management of water, land and natural habitats through programs and services that balance human, environmental, and economic needs.

We address the environmental issues and concerns of our municipal partners and watershed communities by providing local, practical solutions on a wide range of natural resource issues. These include:

- **Protecting communities from flooding, low water, and other natural hazards, according to provincial legislation;**
- **Providing advice on municipal planning decisions affecting the sustainability of our water and land resources;**
- **Environmental and lake management planning;**
- **Stewardship activities; and**
- **Managing lands which are important to watershed health.**

Many of our programs and services implement various legislation, government policies, and guidelines.

Kawartha Conservation was formed under the *Conservation Authorities Act* by our municipal partners on October 31, 1979.

Our mandate is outlined in Section 20 of the Act:

20. (1) The objects of an authority are 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 other than gas, oil, coal and minerals.

- R.S.O. 1990, c. C.27, s. 20.

Member of



The Kawartha Conservation Board of Directors and staff members at Windy Ridge Conservation Area during a watershed tour on June 17. The tour included a close up look at our five conservation and natural areas, local natural heritage features, and the various pressures on natural systems in the region. They also observed some of the environmental programs and services on the ground, including monitoring activities, featured in this report.

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Watershed Planning



The Balsam & Cameron Lake Management Plan is officially launched in Coboconk on June 18. From left to right are Councillor Patrick O'Reilly; Councillor Doug Elmslie; Lou Probst, City of Kawartha Lakes Environmental Advisory Committee; Councillor Brian Junkin; Dave Pridham, Kawartha Conservation; Councillor Emmett Yeo; Trent-Severn Waterway Superintendent Dawn Bronson; Mayor Ric McGee; MP Barry Devolin; and Councillor Stephen Strangway.

Lake Management Planning in the City of Kawartha Lakes

Lake management planning involves the development of best practices in restoring, enhancing and maintaining water quality in lakes, rivers, creeks, and aquifers. It is based on sound watershed science which supports innovative stewardship practices and land use policies.

Lake management planning in the City of Kawartha Lakes is a collaborative effort involving stakeholders and partners who make decisions and guide activities for each of the plans through various committees. This year, we held four Community Advisory Panel meetings, two Science & Technical Committee meetings, and one Executive Liaison Group meeting.

Balsam & Cameron Lake Management Plan

We established a monitoring network in the Balsam and Cameron lake watersheds, and held an official launch at "Canada's Fresh Water Summit" event in Coboconk on June 18.

The monitoring network includes water quality stations, shared by Kawartha Conservation (15 sites), the Kawartha Lake Stewards Association/Lake Partner Program (5 sites), and the Ministry of Environment (3 sites). Water quantity is monitored by Kawartha Conservation (1 site), Water Survey Canada (2 sites) and Trent-Severn Waterway (2 sites). Precipitation is monitored by Kawartha Conservation (2 sites). Bacteria levels at public beaches are monitored by the Haliburton, Kawartha, Pine Ridge District Health Unit (6 sites). We will begin reporting our findings in 2012.

Sturgeon Lake Management Plan

We continued year-2 monitoring activities, and published a report for the 2010-2011 hydrologic year. Our early results showed good water quality in many areas of the lake, but also where there were higher phosphorus concentrations. Evidence of stress on the lake was also expressed during the summer through outbreaks of blue-green algae blooms. These blooms occurred after heavy rain, which may have carried nutrients into the lake that had accumulated on lawns, hard surfaces, and in urban areas during a preceding dry period.



Mayor Ric McGee provides opening remarks at an open house in Lindsay on Nov. 25 on Lake Management Planning in the City of Kawartha Lakes.

Sediment sampling

We began sediment sampling with the Ministry of the Environment (MOE), collecting five samples from the southwestern part of the lake in the summer of 2011. The samples were sent to the Laboratory Branch of the MOE to be analyzed for nutrients, metals, and other widespread contaminants found in natural waters and sediments. This included PCBs, Polycyclic Aromatic Hydrocarbons (PAH), Organochlorinated (OC) pesticides, and metals, as well as total phosphorus, organic nitrogen, and organic carbon.

A more detailed analysis of the data and collection of sediment samples from the eastern part of the lake will occur in 2012.



Oak Ridges Moraine watershed planning

We completed the final drafts of watershed management plans, including detailed characterization reports, for the Nonquon River, Southern Lake Scugog Tributaries, Blackstock Creek, and East Cross Creek. The plans were developed in partnership with Durham Region to complement the Oak Ridges Moraine Conservation Plan.

They will provide a current information resource for municipalities, consultants, developers, landowners, and resource users. They include information about watershed conditions, environmental stresses and threats, and give watershed-wide direction for protecting and sustaining watershed features.

We consulted with many people throughout the region as we worked to complete the plans. This included six meetings with a Technical Review Committee, four local public information sessions, and two targeted stakeholder sessions.

The plans will be finalized and posted on our website later in 2012.





Drinking Water Source Protection

Through the Trent Conservation Coalition, we are helping to develop a Source Protection Plan (to be completed in August 2012) that will help protect municipal drinking water sources across the Trent River watershed. Municipalities and other stakeholders who participate on a Source Protection Committee are responsible for completing the plan. The stakeholders include rural and urban property owners, and representatives from the economic (agriculture, industry and commerce) and environmental sectors in our region.

To facilitate plan development, plan policies were drafted through eight municipal working group meetings. We also updated technical studies that provide a foundation for the plans.

Natural heritage

We contributed to the development of a Natural Heritage Strategy for Peterborough and the Kawarthas, which is being led by the Victoria Stewardship Council and Kawartha Heritage Conservancy. Partners also include the City of Kawartha Lakes and Peterborough municipalities, other agencies, and local stakeholders.

A Natural Heritage Strategy involves identifying key natural features and significant land uses such as agriculture, quarries, and shoreline development. The outcome is a long-term plan for enhancing and maintaining a natural heritage system, which is a network of connected natural features such as wetlands, forests, river corridors, lakes, significant ground water recharge sites, and grasslands. This information will support lake and environmental management planning, stewardship activities, land-use planning, and other activities across the landscape.

Development of the strategy will continue through 2012.



Yellow Lady Slippers photographed in the Nogies Creek Watershed. Photo by Dave Pridham

Integrated Community Sustainability Planning

The City of Kawartha Lakes began the development of an Integrated Community Sustainability Plan (ICSP) called "Our Kawartha Lakes." We participated as lead for the Water Focus Group, which is one of several focus groups.

"Our Kawartha Lakes" will result in a long-term plan, developed in consultation with community members, to provide direction for the community to realize sustainability objectives for the environmental, cultural, social, and economic dimensions that make up "Our Kawartha Lakes." The Plan will also identify specific actions and plans to ensure that its vision and objectives are realized in a meaningful and responsible manner.

We also contributed to the development of the North Durham ICSP, which was finalized early in 2011, and will have a part in facilitating the plan objectives.

Environmental Recognition Awards

There were many individuals and groups who demonstrated in 2011 a commitment to protecting and improving our watershed. We were pleased to recognize nine individuals and organizations during our Annual General Meeting in January 2012. This was the first year for our reinstated and expanded awards program. For more information, see kawarthaconservation.com/awards.



Kawartha Conservation Director Chuck Mercier and members of Pine Point Park Ltd.

Individual Conservationist Award

Recognizing outstanding people who have undertaken projects, demonstrated leadership, and inspired others to create a healthier watershed.

Bob Pool

Has demonstrated a long-standing commitment as a founding and current member of Friends of Kawartha Conservation, which began in 1996. Current initiatives include the development of Howler's Corners, Adopt-a Road program, and others.

Lou Probst

A dedicated volunteer and leader who is the current Chair of the City of Kawartha Lakes Environmental Advisory Committee, a member of the Community Advisory Panel, and is involved in other important initiatives.

Dave Simser

Has been a volunteer collecting water samples as part of Kawartha Water Watch and undertaken stewardship activities on his farm through the Environmental Farm Plan, in addition to many other positive contributions to our community.

Community Conservationist Award

Recognizing volunteer-based, community or organized groups that have successfully undertaken projects that contribute to a healthier watershed.

Kawartha Lakes Stewards Association

Contributing to the long-term health of lakes in the Kawarthas through water monitoring, scientific research, promoting informed public participation, and other activities.

Pine Point Park Ltd

Protected more than 500 feet of shoreline from ice damage and erosion, by raising funds through bottle drives and yard sales, in addition to support from the Scugog WATER Fund and our Shoreline Naturalization grant program.

Scugog Lake Stewards Inc.

Provided advocacy and research that is contributing to a healthier Lake Scugog, and participated in the Lake Scugog Environmental Management Plan, North Durham Integrated Sustainability Plan, Port Perry Sewage Lagoons, and Scugog Connections.

Partner Award

Recognizing partner organizations that have made significant contributions to projects or programs at Kawartha Conservation, furthering our mission of watershed health.

Fleming College

Provided on-going program collaboration on various projects, such as Credit for Product projects involving 3 to 5 student co-op placements annually, and participation in lake management planning.

Oak Ridges Moraine Foundation

Supported the creation of Durham East Cross Forest Conservation Area and made many other contributions to moraine protection.

Victoria Stewardship Council

Provided support for numerous joint initiatives, such as the Lake Scugog Environmental Management Plan, annual tree seedling distribution, our Shoreline Naturalization Advisory program, and lake management planning in the City of Kawartha Lakes.

Environmental Research and Monitoring

We assess the environmental health of our watershed by gathering information on surface water, groundwater, aquatic habitats, flood events, and natural heritage. This local environmental information supports our programs and services, and enables informed decision-making by member municipalities, government and partner agencies, interest groups, and the community.

Water quality monitoring

We conducted 8 rounds of surface water sampling at 11 strategic sites across our watershed, as part of the Provincial Water Quality Monitoring Network. In addition, six volunteers and one volunteer organization monitored 23 sites through our Kawartha Water Watch program, which is partially funded by community groups. We also collected and analyzed benthic macroinvertebrates (stream insects) from 10 sites, through a partnership with, and funding from, the Ministry of the Environment, and monitored water temperature at 30 sites.

Groundwater monitoring

Our groundwater monitoring network involves a partnership with, and funding from, the Ministry of the Environment, through the Provincial Groundwater Monitoring Network (PGMN). We operated and monitored 11 wells within our watershed, as part of the provincial network consisting of 474 wells. In 2011, we also began construction on two additional PGMN wells located in the Township of Galway-Cavendish and Harvey.

We also monitored the amount of groundwater entering watercourses at over 90 baseflow and 30 stream temperature sites. These activities enabled us to identify critical sources of groundwater and sensitive recharge areas, the potential location of cold-water fish habitat, and how aquifers might react to changes on the landscape or from changes in the climate.



Two groundwater monitoring wells are drilled in Galway-Cavendish and Harvey.

Enhanced monitoring

We undertook enhanced monitoring of environmental features, which included identifying potential impacts to surface and groundwater quality, and significant habitats. This took place within Oak Ridges Moraine subwatersheds in Durham Region, and the watersheds of Lake Scugog, and Sturgeon, Cameron, and Balsam lakes, to support the development of lake management plans.

Enhanced monitoring included the establishment and monitoring of additional sites at key locations within the areas of interest, often with partners such as Fleming College, Trent University, Trent-Severn Waterway and community groups, enabling us to collect detailed information needed to facilitate plan objectives.



Aquatic Biologist Brett Tregunno collects aquatic insects in McLaren Creek, May 25. The types of insects found indicate water quality, as some insects are more sensitive to stream conditions than others.

Flood forecasting and warning



Hydrologist Iryna Shulyarenko monitors the snow pack to estimate the amount of runoff when it melts and the potential for flooding, Mar. 1.

We issued four Watershed Conditions Bulletins (with two updates) and one Flood Advisory in 2011. The Flood Advisory was issued on March 4, as the weather forecast was calling for milder temperatures and up to 50 millimeters of rain. The combination of warmer temperatures, rain, snowmelt and a frozen ground was expected to produce significant run-off with potential for flooding. Fortunately, we received much less rain than had been forecast, and were able to downgrade to a Watershed Conditions Bulletin on March 7.

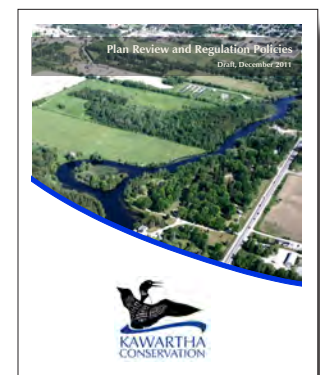
In preparation for potential flooding, we maintain a flood contingency document, including a Flood Contingency Plan and Operation Manual for Flood Forecasting and Warning. We also provide input to municipal flood response plans, and train Kawartha Conservation staff to coordinate a flood response.

Planning and Regulations

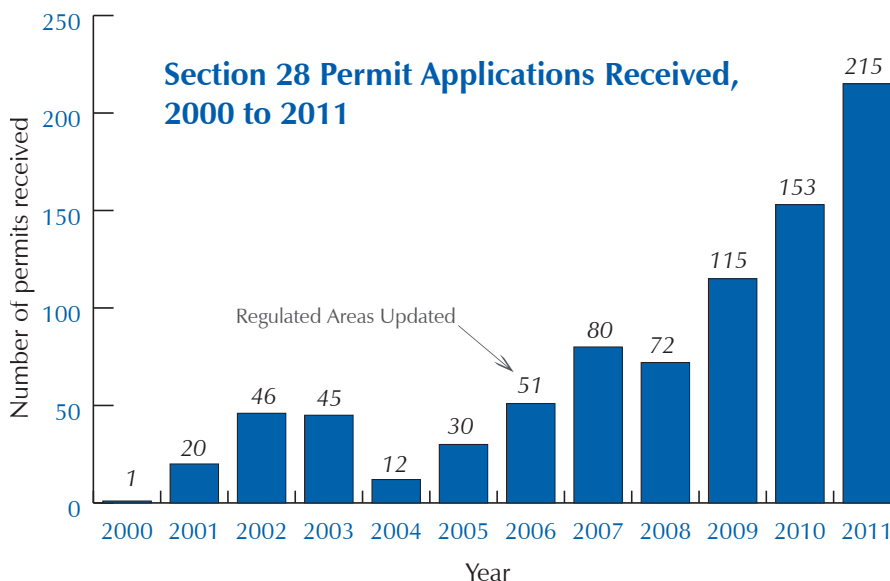
The Planning and Regulations department provides a service to municipalities and our watershed community through the environmental review of municipal planning applications and inquiries, and through the regulation and enforcement of areas prone to natural hazards (under O. Reg. 182/06), such as flooding, steep slopes, and unstable soils and bedrock. In reviewing planning related items, we provide advice, recommendations, and specific conditions for development to ensure proposals have regard for public safety and the environment.

In 2011, we reviewed and commented on 121 planning applications and 91 other inquiries, and held 67 pre-consultation meetings. We also reviewed 32 applications concerning the protection of fish habitat, under a Level 3 agreement with Fisheries and Oceans Canada.

Under O. Reg. 182/06, we issued 215 permits, responded to 37 complaints, and needed to issue seven violations.



The "Plan Review and Regulation Policies" manual is being finalized in 2012.



As part of our objective to provide excellent customer service, we developed a *Large Fill Procedure Guideline* that works in conjunction with O. Reg. 182/06 for fill placement greater than 500 cubic metres; held consultations on our draft *Plan Review and Regulation Policies*, that included meetings with stakeholders and public consultations in March and October; and held information sessions to help real estate agents provide the best information to their clients.

Environmental Protection and Restoration

Early stewardship actions in the City of Kawartha Lakes

We initiated a comprehensive, ongoing lake stewardship program to respond to priorities identified during the lake management planning program for Sturgeon, Cameron, and Balsam lakes, as well as to support aspects of the Lake Scugog Environmental Management Plan.

We partnered with the Federation of Ontario Cottagers' Associations (FOCA) to target lakeside communities that are higher density, have canals, or where there are potentially outdated septic systems. We visited Greenhurst-Thurstonia, North and South Bayou Roads, Pleasant Point, Washburn Island, and Ball Point, where we engaged over 70 property owners.

As part of our Shoreline Naturalization Advisory Program, we conducted over 93 site visits, which included 89 within the City of Kawartha Lakes and four within Scugog. We supported 17 of these projects with grant dollars from the Victoria Stewardship Council, resulting in 757m² of shoreline being vegetated in the City of Kawartha Lakes



Volunteers plant native grasses in Rivera Park in Lindsay on October 1 to help protect the shoreline and create wildlife habitat.



Killarney Bay Parkette on Balsam Lake gets a naturalization makeover, May 18. Members of the Killarney Bay-Cedar Point Cottage Association, along with Kawartha Conservation.

We also engaged over 200 people through seven presentations at cottage and rate payer association meetings, including Cameron Lake, Corbin Lake, Sturgeon Point, Killarney Bay, and Balsam Lake, and through the Fenelon Falls and Bobcaygeon fall fairs.

Together with 44 community volunteers and Parks and Recreation staff at the City of Kawartha Lakes, we began naturalizing shorelines in Bobcaygeon (Riverview Park), Lindsay (Riveria Park) and Killarney Bay Parkette on Balsam Lake. This involved planting over 230 native shrubs, plants, and grasses. This was the first of three phases to establish riparian buffers along municipally owned property.



Kawartha Conservation Vice-Chair Pat Warren at a shoreline planting event on October 1 in Bobcaygeon's Riverview Park.

Implementation of the Lake Scugog Environmental Management Plan

Since finalizing the Lake Scugog Environmental Management Plan (LSEMP) in 2010, we have been implementing recommendations in the plan. This year, we established an implementation committee comprised of various stakeholders who included the Durham Agricultural Advisory Committee, Ministry of Natural Resources, Mississaugas of Scugog Island First Nation, residents from both the shores of Lake Scugog and urban areas, Scugog Chamber of Commerce, and Scugog Connections. The inaugural meeting took place on November 30.

We also created an Urban Stewardship Program to target the large amount of nutrients entering the lake from urbanized areas in the watershed. Activities in 2011 included distributing over 2,000 copies of *Living In Town* to urban residents around the lake, visiting 266 homes in Port Perry to provide on-site consultations, and

providing 3 presentations at the Port Perry High School on protecting Lake Scugog.

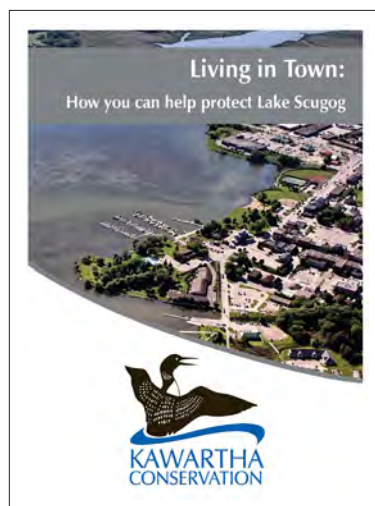
Along the shoreline of Lake Scugog, we provided consultations to 32 shoreline property owners, and supported four naturalization projects with funding.

Also within the Lake Scugog watershed, we engaged 255 participants in three workshops that included the following:

- *A Landowner's guide to ponds*, held in partnership with Central Lake Ontario Conservation Authority, Community Stream Steward Program, Scugog Connections, and the Victoria Stewardship Council
- *Septic systems, wells and shoreline ecology*, held in partnership with Scugog Connections and the Victoria Stewardship Council
- *Working Around Water: Understanding Regulations and Environmental Requirements*, held in partnership with the Central Lake Ontario Conservation Authority, Community Stream Steward Program, Lake Simcoe Region Conservation Authority, Scugog Connections, and the Victoria Stewardship Council.

Through the Scugog WATER Fund, we supported two shoreline erosion prevention projects and the closing of two old, private wells.

LSEMP implementation in 2011 also included continued monitoring, with water quality sampling in tributaries and the lake, and quantity measurements.



Over 2,000 copies of this booklet were delivered to Port Perry, Blackstock, and Caesera residents on April 20 to provide tips on how to reduce nutrient loading in Lake Scugog from residential properties. Staff also visited 266 homes in Port Perry to provide on-site consultations

Kawartha Farm Stewardship Collaborative

The Kawartha Farm Stewardship Collaborative won the 2011 Minister's Award for Environmental Excellence, for the protection of water quality through on-farm improvements in 2010.

The collaborative is a partnership of twelve organizations in the Kawartha region, including the Victoria Stewardship Council. Together, we were able to provide funding, technical support, and physical resources to farmland owners looking to reduce on-farm risks to the environment.

Minister's Award for
**Environmental
Excellence**

2011 Award Winner

Ontario Drinking Water Stewardship Program

In 2011, we completed the Early Actions program, which involved providing \$13,500 for five projects that will help protect municipal drinking water supplies.

On May 1, the Early Response project was launched across the province. We conducted outreach to 489 property owners that had 816 identified significant threats identified in the drinking water source protection planning process. We provided \$56,000 in grants for 16 projects that either eliminated or reduced the threats.

In addition, we gave a presentation to 40 business people at the Lindsay Chamber of Commerce, installed 11 signs that identified the intake protection zone around the Minden Hills municipal drinking water system, developed 33 signs for systems in the City of Kawartha Lakes, and provided education about protecting municipal drinking water to 300 students at the Trillium Lakelands District School Board Eco Summit at Bark Lake.

Within the 5,400-km² Kawartha-Haliburton Source Protection Area, the Trent Conservation Coalition identified 816 significant threats to the 22 municipal drinking water systems within the area (see www.trentsourceprotection.on.ca/yourdrinkingwater/khspa). These threats are detailed in the Trent Assessment Report. The most common types included private septic systems, fuel oil tanks in basements, and certain types of agricultural activities.



In partnership with the Victoria Stewardship Council, we sold over 16,000 tree seedlings to landowners in the City of Kawartha Lakes.



Students from Fleming College collect waterfowl species data in Ken Reid Conservation Area.

Friends of Kawartha Conservation

Friends of Kawartha Conservation is a charitable organization which supports the vision and mandate of Kawartha Conservation, by raising funds, promoting awareness, and engaging the community to restore and sustain a healthy environment for future generations.

Their main project in 2011 was beginning the development of Howler's Corners, an off-leash dog park in Ken Reid Conservation Area, in partnership with the John Howard Society of Kawartha Lakes & Haliburton. They focused their efforts on raising funds through donations and sponsorships, and preparing the site.

Friends of Kawartha Conservation also held two road-side cleanups along Kenrei Road and Angeline Street, with support from the John Howard Society.

In 2011, volunteers generously contributed 945 hours of their time!



Above: Hoek Van Holland Landscaping helps smooth out the ground.

Below: Arboristic Tree Care helps clear and chip brush in Howler's Corners.



Conservation and Natural Areas

In 2011, over 20,000 people visited our five conservation and natural areas. Totalling over 3,000 acres, four conservation areas are in the City of Kawartha Lakes and one is in the Township of Scugog. Each contains environmental features that contribute to the health of our watershed, while providing opportunities for low-impact recreation, such as hiking and cross-country skiing. To help provide the best possible experience for visitors, we finalized a strategy for the development and maintenance of signage, which we will begin implementing in 2012.

Ken Reid Conservation Area

Close to Lindsay, this conservation area is one of our most visited. Some interesting activities in 2011 include the following:

- Working in partnership with the John Howard Society of Kawartha Lakes and Haliburton to assist with grounds maintenance
- Hosting a garlic mustard pull event by the Ontario Federation of Anglers and Hunters on May 29 with seven volunteers who pulled 370 kilograms of the invasive plant
- Partnering with Fleming College to assist with updates to a management plan for the area, which included amphibian surveys, forest inventories, and waterfowl monitoring
- Hosting three cross-country run finals in October for the Trillium Lakeland District School Board elementary schools, Kawartha Region Secondary Schools, and Central Ontario Secondary Schools
- Developing Howler's Corners Off-Leash Dog Park (See Friends of Kawartha Conservation on pg. 12).



Above: Volunteers pull Garlic Mustard out of Ken Reid Conservation Area on May 29.

Below: The Port Perry Beavers help plant a wind break along farm fields in Durham East Cross Forest Conservation Area on May 10.



Durham East Cross Forest Conservation Area

This 1,334-acre conservation area is located in the southeast corner of the Township of Scugog. We acquired an additional 200 acres of East Cross Forest this year through funding from Ontario Heritage Trust, Durham Region, and the Township of Scugog. This land, in addition to other properties in East Cross Forest, are within a Natural Core Area on the Oak Ridges Moraine and form part of the headwaters for East Cross Creek.

Other accomplishments and activities in 2011 included the following:

- Building new, sustainable trails (to be opened in 2012), during a trail building event in June with 20 volunteers
- 40 Port Perry Beavers planted 750 trees to establish a windbreak along agricultural fields
- Decommissioning more than 50 kilometres of old, unsustainable trails
- Identifying trees for selective harvesting in old Red Pine plantations, to help native tree species emerge.

Fleetwood Creek Natural Area

We manage this natural area for Ontario Heritage Trust (OHT). In 2011, we worked with OHT on updates to the management plan for the area, and collaborated with Fleming College to undertake research on ATV access, and develop a base-line documentation report on a northern section.



Ontario Heritage Trust and Kawartha Conservation staff in Fleetwood Creek Natural Area.

The Kawartha Conservation Team

Rob Messervey
Wanda Stephen
Mark Majchrowski
Dave Pridham
Peter Waring

Chief Administrative Officer
Director, Corporate Services
Director, Watershed Management
Manager, Environmental and Stewardship Services
Manager, Planning and Regulations

Shalin Abbott
Nancy Aspden
Leah Breivik
Paul Buckley
Cindy Haney
Jessie James
Brent Kulba
Mahmoud Reza Pejam
Jason Ross
Dawna Rycroft
Alexander Shulyarenko
Iryna Shulyarenko
Saleem Sial
Rob Stavinga
Brett Tregunno
Arlene Waite
Lee Youmans

Stewardship Coordinator
Coordinator, Environmental Programs/GIS Specialist
Resources Planner
Source Water Protection Planning Technician
Administrative Assistant
Conservation Areas Coordinator
Communications Specialist
GIS Specialist
Regulations Officer
Executive Assistant
Water Quality Specialist
Hydrologist
Watershed Engineer
Watershed Resources Technician
Aquatic Biologist
Financial Assistant
Planning Program Assistant



Corporate Services

Our Corporate Services department supports each of the departments and the organization as a whole by providing administrative support, human resource services, coordination, policy development and implementation, communications, and program direction and development.



Some of the highlights in 2011 include implementing a new Employment Policy, commencing designs for the expansion of our Administrative Centre, and completing a draft of our 5-year strategic plan, involving consultations with stakeholders.

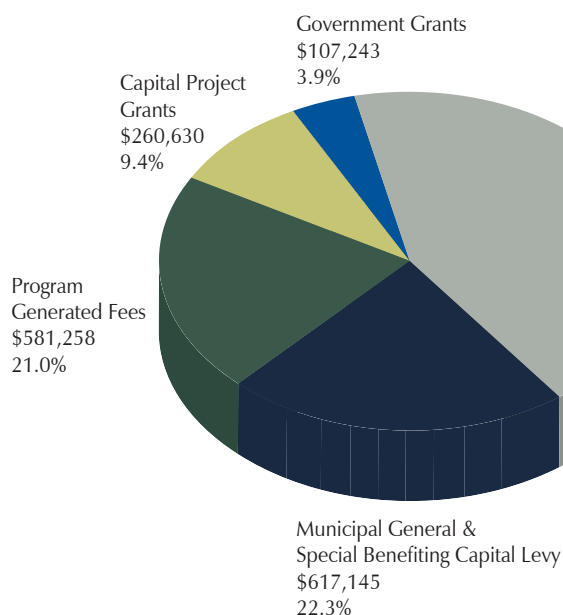
The strategic plan, to be finalized in 2012, will enable us to be clear about our mandate, build an accountability framework, and establish a clear vision and mission.

The plan defines what we stand for as leaders, which includes:

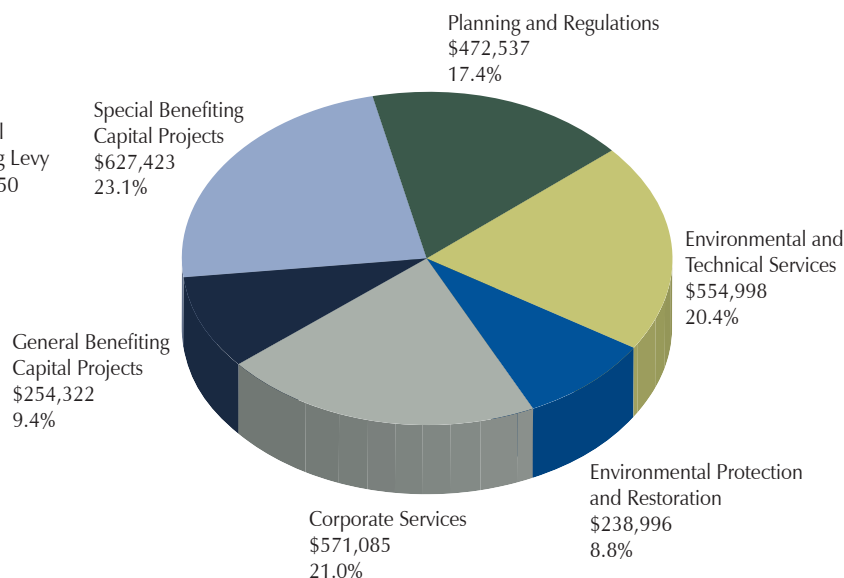
- Protecting our lakes and water resources
- Partnering with the agricultural community to advance stewardship
- Developing watershed science.

2011 Financial Statements

Revenues \$2,765,726



Expenditures \$2,718,361



Extracted from the 2011 unaudited financial statements. Full copies of the audited financial statements will be available upon request.

*Thank-you
to our many
partners,
and the 189
volunteers who
generously
donated 612
hours of their
time!*



Shoreline naturalization event at Riverview Park, Bobcaygeon, on October 1.



Trail building event in Durham East Cross Forest Conservation Area on June 24.



Community Advisory Panel meeting on May 10.



Shoreline naturalization event at Rivera Park, Lindsay, on October 1.

The Kawartha Conservation Watershed

- 2,492 square kilometers
- 13% lakes
- 13% wetland
 - 55 Provincially Significant Wetlands
 - 49 Locally Significant Wetlands
- 22% forest
- 46% agriculture
- 6% built-up/urban
- Canadian Shield in the north
- Oak Ridges Moraine in the south

City of Kawartha Lakes

- 1,815 km² within watershed

Township of Galway-Cavendish & Harvey

- 237 km² within watershed

Deweys Island
Nature Reserve

Balsam Lake

FENELON
FALLS

BOBCAYGEON

Ken Reid
Conservation Area

LINDSAY

OMEMEE

Windy Ridge
Conservation Area

Township of Cavan Monaghan

- 8 km² within watershed

Pigeon River
Headwaters
Conservation Area

Fleetwood Creek
Natural Area

Durham East Cross
Forest Conservation
Area

Township of Brock

- 36 km² within watershed

Township of Scugog

- 457 km² within watershed

PORT
PERRY

Municipality of Clarington

- 10 km² within watershed

