



Ganaraska Region Conservation Authority 2008 ANNUAL REPORT



A Year in Review

2008 was a year of great achievement; we welcomed new staff, began the construction of the new Ganaraska Forest Centre, and developed new partnerships throughout the community and beyond. This report will expand on our new beginnings, the programs and services we offer, and the successful year leading us into 2009.

The *Building for Change* campaign has seen much support this year, bringing our campaign goal into sight. The new outdoor education centre is scheduled for its grand opening in September of 2009. In the meantime, our fundraising committee will continue with their hard work in turning this dream into a reality.

We at the GRCA continue to protect and enhance our watersheds ecosystem and further the conservation, restoration, development and management of our renewable natural resources. Educating the public on conserving our lands and water for future generations continues to be a main priority of the Authority. As we move ahead into 2009, we continue to achieve our mission and develop new goals to attain.

We encourage you to take a look at another great year in review at the Ganaraska Region Conservation Authority.

Brian Fallis
Chair

Linda J. Laliberte, CGA
CAO/Secretary-Treasurer

Special Thanks

The Ganaraska Region Conservation Authority would like thank all of the gracious volunteers and partners who support our programs and services. The Conservation Authority also extends a thank you to those who assist in Ganaraska Forest recreational management. This includes, but is not limited to, members of the Ganaraska Forest Recreation Users Committee and all of the volunteer forest patrollers. A special thanks to Honda for there four year’s of support and providing the forest with ATV’s. The GFC dinner committee also deserves a thank you for their continued hard work with the annual fundraising event.



Full Authority Board Members

Chair, Brian Fallis	Township of Cavan Monaghan
Bob Spooner	Town of Cobourg
Cal Morgan	Municipality of Port Hope
Charlie Trim	Municipality of Clarington
David Marsh	City of Kawartha Lakes
Gord Robinson	Municipality of Clarington
Linda Thompson	Municipality of Port Hope
Mark Lovshin	Township of Hamilton
Miriam Mutton	Town of Cobourg
Raymond Benns	Township of Alnwick/Haldimand
Twila Marston	Township of Hamilton

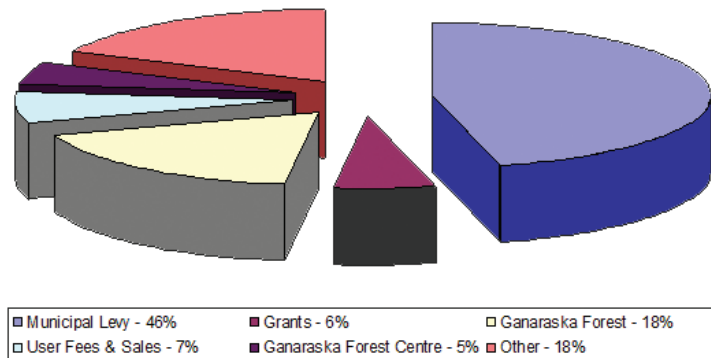
FINANCIAL SUMMARY

In 2008, the budget totaled \$2,836,751.00 with a budget of \$4,000,000.00 for the rebuild of the Ganaraska Forest Centre. The general levy for 2008 was \$707,485.00 which represents about 25% of the total revenues for 2008.

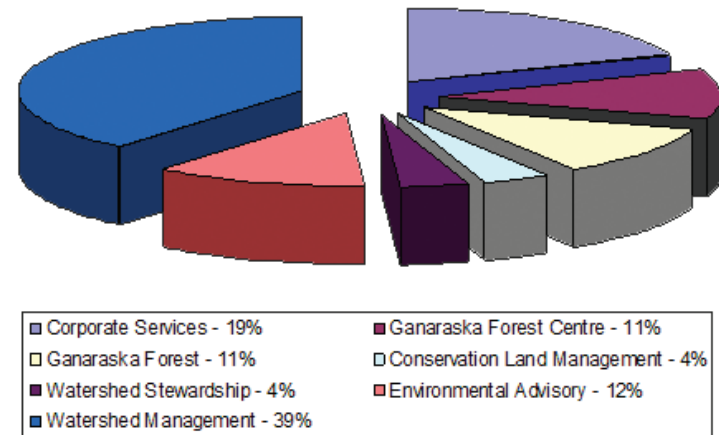
This past year there were several capital projects within the Conservation Authority which are mainly funded by the watershed municipalities. Some of the capital projects will be completed in 2008 while others will carry on into 2009. .

The chart below shows the revenues for 2008. The levy shown is a combined total of general and benefiting levy. The Ganaraska Forest timber sales of \$320,928.00 and memberships of \$153,085.00 are included in the Ganaraska Forest revenue. The User Fees & Sales consist of the revenues from the stewardship programs, watershed services, as well as the water resources fees. The category of "Other" includes direct funded projects of the Conservation Authority, including \$182,300.00 for the Trent Conservation Coalition Source Water Protection initiative for 2008, as well as a \$174,964.00 for a direct funded project.

Revenues – (which does not include *Building for Change* Revenues/Donations)



Expenditures (does not include GFC Redevelopment expenditures)



2008 GRCA Staff

Linda J. Laliberte	CAO/Secretary-Treasurer
Mark Peacock	Director, Watershed Services
Jeff Moxley	Manager, GIS/IT
Magdi Widaatalla	Manager, Watershed Services
Greg Wells	Manager, Planning & Regulations
Amy Griffiths	Marketing & Communications Officer
Bill Newell	Resource Technician
Bob Penwell	Forester
Brian Morrison	Fisheries Biologist (as of April 2008)
Brittany Sheahan	Gatehouse Keeper
Christie Peacock	Water Resources Engineer (as of July 2008)
George Elgear	General Superintendant
Jenny Dai Water	Resource Analyst
Joanne May	Administrative Assistant, Planning & Regulations
Ken Towle	Terrestrial Ecologist
Lisa Lawson	Assistant, Corporate Services

Michelle Giddings
Mike Smith
Pam Lancaster
Ralph Shaw
Ryan Goodall
Ryan Burnside
Shayne Pilgrim
Stephanie Hogg
Steve Nowak
Steve McMullen
Winnie Finnie

Bookkeeper
Water Resource Technician
Stewardship Technician
Outdoor Education Instructor
Outdoor Education Instructor
Forest Centre Technician (until June 2008)
Forest Centre Technician (as of September 2008)
Gatehouse Keeper
GIS Technician
Forest Recreation Technician
Forest Centre Cook



Photo Credits: GRCA Staff, Paul Dean, Brian Way Building for Change: AECOM

FOREST MANAGEMENT

The Ganaraska Forest continues to play an important role in maintaining the ecological integrity of the Oak Ridges Moraine and the Ganaraska Watershed. The conifer plantations, natural hardwood and mixed wood forests, provide stability to the highly erodible sands and gravels of the moraine while also providing wildlife habitat, forest products for local industry and an array of recreational opportunities for the general public.



The forest continues to be managed under the direction of the 1998 Forest Management Plan prepared for a twenty-year period, under the guidelines of the Managed Forest Tax Incentive Program (MFTIP). The plan was updated in 2008 to include a new 10 year operational harvesting schedule for the forest until 2018. The MFTIP program, through the municipalities, provides a tax incentive on all qualified forest properties.

There were no wild fires reported on the forest during the 2008 fire season. Many of the internal forest roads were graded in the late summer and early fall by the Authority with help from the Ganaraska Snowmobile Club.

The federal government through Natural Resources Canada provides forest health monitoring throughout the spring to fall period in Southern Ontario including the Ganaraska Forest. This year they reported two outbreaks of gypsy moth in the east and west forests that caused some defoliation in hardwood. The Provincial Ministry of Natural Resources forest health technician returned in the fall to carry out egg mass surveys to determine the likelihood of further defoliation 2009.

Two timber contracts were awarded to selectively harvest various stands in the Ganaraska Forest. The first contract awarded to Ben Hokum and Son of Killaloe was for the thinning of 120 hectares of red pine plantations in the west and central forest. The harvest produced 5,378 cubic meters of posts, sawlogs and utility poles. The second contract was awarded to Herb Shaw and Sons of Pembroke to selectively harvest 1,554 red pine utility poles and 89.2 cubic meters of sawlogs from 40 hectares in the west forest. Harvesting inspections were carried out on a weekly basis in order to minimize damage and remaining logging debris on recreational trails. A total of 174 hectares of tree marking was completed for the selective harvest of 5,453 cubic meters of conifer sawlogs and 1,020 red pine utility poles from the forest in 2009. There will be two harvesting contracts awarded in April 2009 to harvest the marked trees.

GEOGRAPHICAL INFORMATION SYSTEMS

The Ganaraska Region Conservation Authority's GIS department spent this year supporting many Watershed Services projects. The GIS department continued the partnership with the Town of Cobourg to manage the town's GIS. We are also hosting the CAMaps.ca website in a partnership with other conservation authorities and Conservation Ontario to provide a common internet mapping application for conservation authorities. The Authority has also expanded its GIS services to the Municipality of Port Hope; we are working the municipality to help them meet the newly legislated requirements under The Public Sector Accounting Board (PSAB).

TOWN OF COBOURG SPECIAL POLICY AREA REVIEW

In 2005 the Town of Cobourg and the Ganaraska Region Conservation Authority began the process of updating the flood plain mapping within the Town limits. This mapping was completed on Cobourg Creek, Midtown Creek, Brook Creek and Massey Creek. Upon completion of this project the Town and Conservation Authority moved forward to review and revise the flood plain policies within the Town as part of the municipal Official Plan 5 year update. (Four special policy areas exist on three creeks within the Town of Cobourg.) To support this work, in 2008 GRCA staff prepared a Discussion Paper on SPA update requirements, reviewing these requirements throughout the province and a Comprehensive Review of SPA Performance in the Town of Cobourg reviewing the implementation of SPA policies in the town over the last 25 years.

TERRESTRIAL NATURAL HERITAGE UPDATE

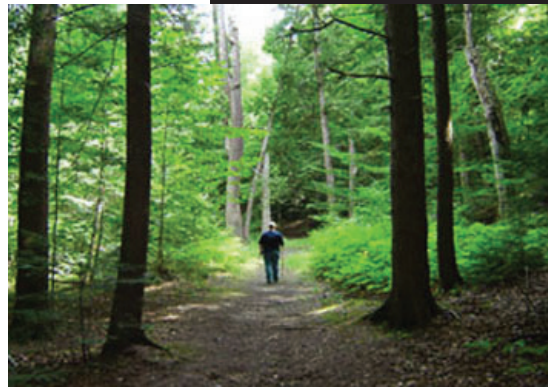
As always the terrestrial natural heritage program has been active on a number of fronts. In 2008, staff began updating of the Ecological Land Classification data, which categorizes and maps vegetation and land use across GRCA's jurisdiction. This allows staff to track changes in land use and habitat cover, and helps in assessing the status of terrestrial natural heritage for watershed planning. Monitoring is also important for watershed planning, and in 2008 GRCA continued its marsh monitoring and forest bird monitoring projects. A highlight was finding Cerulean Warbler, a rare area-sensitive forest species, at one of our points in the Ganaraska forest.

The Caring for the Moraine project involves several large stewardship partnerships supported by the Oak Ridges Moraine Foundation. GRCA has been very actively involved in one these, the Ganaraska Hills partnership. In 2008, staff helped organize and participated in several workshops with topics such as woodlot ecology, invasive plants, and grasslands. GRCA also held a volunteer prairie planting event in an ongoing effort to restore threatened prairie habitat on the Moraine.

In 2008 GRCA continued working in partnership with the Nature Conservancy of Canada and Alderville First Nation on the Snakes on the Plain project. The goal is to raise awareness and collect information on the threatened Eastern Hog-nosed Snake, a denizen of the Rice Lake Plains. A focus on landowner contact yielded many new reports, providing us with a better understanding of how widespread the species is and its habitat preferences.

FOREST RECREATION

The Ganaraska Forest's vast network of trails continues to attract outdoor recreation enthusiasts from across the region and beyond. With over 200 kilometers of trails, the sheer size of the forest provides recreational opportunities not found elsewhere in southern Ontario.



The winter of 2008 was one of the snowiest seen in many years and provided an excellent season for cross-country skiers and snowmobilers. Spring and fall are the busiest times of year in the forest, however the summer featured an unusually high amount of rainfall, which resulted in less use than typically seen in July and August.

The forest hosted a number of recreational events in 2008 including several mountain bike races, equestrian events and off-road motorcycle enduros. While the construction of the new Forest Centre resulted in some disruption of the site, impacts on both sporting events and regular recreational use were minimal.

The Ganaraska Forest's appeal as a filming location continued to grow in 2008, with two television commercials filmed out of the Ganaraska Forest Centre over the past year.

WATERSHED MONITORING

Provincial Water Quality Monitoring Network

The Provincial Water Quality Monitoring Network (PWQMN) is a partnership with the MOE and is a long-term surface water quality monitoring program, operating since 1965. The program consists of sampling 9 sites 8 times per year. The program monitors a list of 35 parameters including physical, nutrients and metals. The pilot pesticide monitoring project continued with three sites sampled during October.

Storm Event Water Quality Monitoring

A new program, where storm event water quality monitoring was conducted on the Ganaraska River and Cobourg Creek to identify parameter levels associated with precipitation that causes high runoff events in local watersheds. This information will be essential in developing watershed plans and source water protection plans for water intakes along the Lake Ontario shoreline where drinking water quality may be impacted by runoff in the watersheds.

Chloride Monitoring

Chloride is one of the ions found in road salt, which is used by municipalities to remove ice and snow from road surfaces in winter. Melt water from the roads and snow banks eventually makes its way into area streams and groundwater, where if the concentrations are high enough, they can be hazardous to the aquatic ecosystem and local infrastructure. GRCA monitors chloride concentrations in streams at 56 sites throughout its jurisdiction. This program is designed to identify significant impacts of road salt on streams to provide feedback to the municipalities to use in the management of their road salt application.

Baseflow

Although wet conditions were observed through most of 2008, a small window of dry weather in August allowed completion of a baseflow survey. As water levels in Wilmot Creek fell to normal summer conditions, monitored stream flow at 82 locations identified the sources of baseflow within the watershed. Baseflow discharge areas are important for fish and benthic communities and to maintain adequate water quantity during low flow periods.

Durham Wetland Monitoring

This program involves monitoring and regular sampling for turbidity at upstream, midstream and downstream locations within the Wilmot Creek Marsh and Port of Newcastle Marsh at the outlet of Graham Creek. Both wetlands were sampled for benthic macroinvertebrates to monitor the health and quality of the benthic community. Long-term monitoring of wetlands allows for the identification of changes in their functionality and ecosystem health.

Wilmot Creek Flow Monitoring

The Wilmot Creek Flow Assessment Study is a partnership between the Durham Region and GRCA, designed to understand the flow regime required to maintain geomorphic processes and connectivity in the vicinity of major water takings. Four temporary stream gauging stations were operated through the summer and fall on Wilmot Creek in the crown lands west of Orono. The data from this study will be used in detailed hydraulic, hydrologic and geomorphic analyses to determine “threshold” flows and their required frequency, timing and duration to maintain various ecological functions within the creek. The results will provide a basis on which to manage major water takings in the watershed.

Flood Forecasting & Warning

GRCA was busy observing conditions and providing messages to warn of dangers due to high water. 7 Flood Safety Bulletins and one Flood Advisory were issued, for spring freshet flows as well as for heavy rainfall events. Minor localized flooding was observed in Wilmot Creek as a result of heavy rainfall in July. In April, a Flood Warning was issued due to high water levels along the Rice Lake shoreline, which is part of the larger Trent River system. GRCA continues training staff and upgrading its flood monitoring system to ensure preparedness in the event of a flood. Regular monitoring of snow conditions in the watershed and ice thicknesses in our river channels was also conducted to understand the potential for flood situations.

GROUNDWATER PROGRAM

The geology and groundwater program has expanded in 2008 by completing a number of projects, tasks and initiatives. These projects were advanced with a specific goal focusing on understanding, managing and protecting groundwater resources within GRCA's watersheds. Major tasks and projects completed in 2008 include groundwater level and groundwater quality monitoring, surface water and groundwater interaction, data updates, Lflow software and training, groundwater indicator report, Permits to Take Water (PTTW) coordination, as well as residential water supply wells site visits and technical support initiatives. Details of these programs are as follows:

- In 2008, hourly electronic and monthly manual groundwater level fluctuations, temperature, and annual groundwater quality data was obtained from the 17 Provincial Groundwater Monitoring Network (PGMN) wells across the GRCA's watersheds. The wells were well-maintained and collected data was analyzed and used in a number of projects such as the groundwater indicator project.
- The GRCA's 16 streambed piezometers were developed and shallow groundwater level fluctuation data was collected and analyzed. These piezometer stations were proven to be successful locations to monitor surface water and groundwater interaction in GRCA's watersheds as data became available for the 4th year since the establishment of project.
- GRCA have participated with MNR, Geological Survey of Canada, and TRCA in the development and application of a low stream flow data collection protocol and a numerical software package (Lflow). The purpose of the Lflow project was to develop several applications that will assist with the collection and analysis of low stream flow information and data. In the summer of 2008, GRCA hosted a comprehensive field and office training program with participants from most of the Ontario's 36 CA's
- GRCA signed an agreement and received funding from MNR to establish and test a groundwater drought indicator program and stations for GRCA's watersheds under the guidance and support of the project's Steering Committee.
- GRCA received 6 applications for water takings from MOE regional offices in Kingston and Toronto. These applications were submitted to MOE for both groundwater and surface water takings from a number of locations within GRCA's watersheds. GRCA engaged in meetings with proponents, their consultants, and conducted site visits at proposed taking locations. During this process, GRCA WAS also engaged in consultations with municipalities for coordination and provided comments to MOE in each application received.

FISHERIES

The GRCA conducted and partnered in a wide range of aquatic research in 2008. Summer research focused on gathering fisheries and aquatic habitat data from the Graham Creek and West Lake Ontario watersheds. The information collected is used for developing Fisheries and Watershed Management Plans, as well as providing a baseline for long term monitoring allowing GRCA to identify changes in ecosystem health within the Ganaraska Region watersheds.

The Wilmot Creek Fisheries Management Plan was approved in early 2008. The Cobourg Creek Fisheries Management background report, Graham Creek Fisheries Management Plan background report and the Western Lake Ontario Fisheries Management Plan background report were all completed within 2008.

In addition to monitoring, the GRCA was involved in the Atlantic salmon Restoration Program, reintroducing the native salmon back into the Lake Ontario basin. GRCA worked with the Ministry of Natural Resources (MNR), the Ontario Federation of Anglers and Hunters (OFAH) and the Trent University Ecosystems Graduate Program to assist in research for this important initiative in Cobourg Creek. The research focused on the survivorship of stocked Atlantic salmon, their rates of growth, and the estimated population of smolts (individuals leaving the stream and live in Lake Ontario).

GRCA monitored the sea lamprey weir on Cobourg Creek, and assisted researchers from the University of Guelph examining sea lamprey movement (within and between watersheds). GRCA staff participated in the Peterborough District MNR Fish Die-off Response Protocol for carp die-offs within the Rice Lake watershed.

PLAN REVIEW AND REGULATIONS

In 2008 a total of 66 municipally circulated Planning Act applications (i.e. severances, rezoning, minor variances) were commented on. Recommendations with respect to natural hazards and natural heritage features were made based on Provincial and Authority Policies. In addition, many new, and ongoing major development proposals (i.e. subdivisions, site plans) were reviewed to ensure stormwater management quality and quantity objectives are being met. In addition, a total of 123 property information requests/legal inquiries were responded to.

Permits issued under GRCA's *Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ont. Reg. 168/06)* continued to increase, with a total of 72 permits being granted. Of those, 10 involved works being proposed in or around a watercourse or shoreline, which were reviewed by staff for potential impacts to fish habitat, in accordance with GRCA's Level III agreement with the Department Of Fisheries and Oceans.

THE GANARASKA FOREST OUTDOOR EDUCATION CENTRE

The 2007 - 2008 school year proved to be another successful year for the Outdoor Education program at the Ganaraska Forest Centre. Over 6176 students visited the Ganaraska Forest Centre this year, an increase of 1675 students compared to the previous year. Each year our numbers have drastically been increasing, creating the need for a larger, more modern facility. Thanks to many individual, corporate, municipal and provincial donors and tireless efforts of the *Building for Change* fundraising committee our need for a new centre will come to fruition as of September 2009.

The Outdoor Education program at the Ganaraska Forest Centre is unique as it consists of full and half day visits and residential/overnight programs for students in kindergarten through grade 12. We offer programs that meet and exceed the expectations for the Life Systems Materials and Matter, Earth and Space Systems, Social Studies, and Health and Physical Education strands. Some of our most popular programs include Beaver Pond Study, Mapping and Orienteering, Cross-country Skiing, Animal Adaptations, and Group Dynamics and Initiatives.

During the summer months the GRCA education staff, with the help of the main office staff, operates our Nature Nuts Summer Camp program at the Millennium Building in Port Hope. Each week has a different nature-based theme, including: L.I.T. Camp (Leadership in Training), A Bug's Life, Crafty by Nature, Wind, Water, Earth and Fire, and Rockin' Reptiles and Amazing Amphibians. As a bonus for participating in a week long camp each camper received a reusable "Nature Nuts" lunch bag with the GRCA and Nature Nuts logo, and had the opportunity to participate in a trip to one of various local businesses such as the Peterborough Canoe Museum and many others. This year our camp met with great success with each camp running at capacity. The total number of campers in 2008 was 695, and we are pleased to announce the summer camp program improved the environmental values of its campers, increased the awareness of the GRCA in the local community, and had lots of fun in the process.

2008 Public Education Programs

Every year GRCA Education Staff host an assortment of public programs. In 2008 we received a great deal of positive response from participants, and are grateful for the volunteers who helped make the events successful. In 2009 we will be hosting Family Ski Day, Owl Prowl, Maple Syrup Day, Mother's Day Wildflower Walk, Members Day and Open House and Halloween Howl.



Building for Change

OUT IN THE COMMUNITY

In 2008 GRCA staff attended many community events to promote stewardship activities and the GRCA. The GRCA participated in the Living Green Fair, Harwood Waterfront Festival, Durham Central Fair in Orono, the Port Hope Fair, the Durham Stewardship Seminar in Brock Township, tree planting workshops, and Oak Ridges Moraine information sessions as well as participating in many partnership events and seminars.

Cobourg Creek Watershed Plan

The Cobourg Creek watershed entered its final planning stage in 2008. The *Cobourg Creek Background Report: Abiotic, Biotic and Cultural Features* was written to document the history and current conditions of the Cobourg Creek watershed. During the summer a Technical Review Committee and Community Advisory Committee was formed to aid in the preparation of the Cobourg Creek Watershed Plan, which will be finalized in early 2009. Two public open houses were also held, along with numerous consultation opportunities, in order to engage watershed residents in this important planning process. Lessons learned and planning methods will be used to complete watershed plans in 2009 for Wilmot Creek, Graham Creek and the Ganaraska River.

Watershed Report Cards

The Ganaraska Region Conservation Authority Watershed Report Cards were completed in 2008. Watershed Report Cards summarize what our surface water quality, groundwater quality, and terrestrial habitat programs are telling us about the health of our local watersheds. Along with a regional glimpse of our watersheds, 9 in-depth individual watershed report cards are available. These watershed report cards, which will be reproduced every 5 years, will identify trends and help to focus conservation and stewardship efforts.

DRINKING WATER SOURCE PROTECTION

The year 2008 has been a busy one in the ongoing drinking water source protection program. This program has been developed to address concerns regarding the protection of safe drinking water that were brought to light by the tragedy of the tainted water supply incident of Walkerton.

This year has seen the completion of the establishment of the Source Protection Committee of the Trent Conservation Coalition who are responsible to develop Source Protection Plans for municipal drinking water systems in the Ganaraska Region. In order to create the plan the group must first prepare the Terms of Reference describing work planning for the program and the Assessment Report describing the science behind the plan.

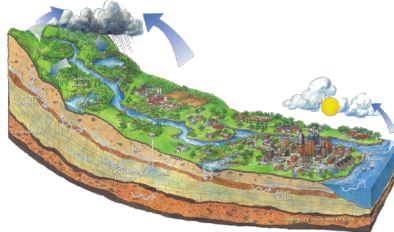
In 2009 GRCA staff prepared Tier 1 Water budgets for all 9 watersheds in the GRCA. This work included quantifying the movement of water from the atmosphere through and over the ground and quantifying the storage of water within the ground and in our rivers and streams. This work has been peer reviewed by technical experts to ensure the science is sound. Additionally, Watershed Characterization reports summarising other watershed science were finalized in 2009.

Other studies that are part of this program include Well Head Protection Area mapping of wells in Orono, Camborne and Creighton Heights and intake protection zone mapping for Lake Ontario sources at Cobourg, Port Hope and Newcastle. The information developed through these studies will form the basis of the Assessment Report that is the technical background for Source Protection Plans. The Source Protection Committee is well into its work of reviewing information that will help it define Source Protection Plans for municipal drinking water supplies in the Ganaraska region.

Drinking Water Source Protection Outreach and Education

The GRCA formed a partnership with the member municipalities to deliver outreach and education programming around drinking water source protection. During the first three months of 2008 the following activities occurred across the GRCA.

- 20,082 residents received drinking water source protection newsletters
- 60,000 papers circulated with press releases 10 times
- 8 seminars with >350 people in attendance along with CHEX TV and press coverage
- 22 private residences were visited around the 3 municipal wells in Creighton Heights, Camborne and Orono.



CLEAN WATER - HEALTHY LAND AND FINANCIAL ASSISTANCE PROGRAM

On May 01, 2008 the Ganaraska Region Conservation Authority (GRCA) launched the Clean Water - Healthy Land Financial Assistance Program in the Municipality of Port Hope. This initiative complements the Clean Water – Healthy Land Financial Assistance Program being administered in the Municipality of Clarington.

Landowners, residents, community groups, schools and businesses within GRCA's watersheds in the Municipality of Clarington and the Municipality of Port Hope can apply for financial assistance to complete stewardship projects that will benefit their watershed.

As a result of the Clean Water—Healthy Land Financial Assistance Program, stewardship projects undertaken accomplished the following beneficial changes to local watersheds.

Municipality of Port Hope Approvals:

Three private water well upgrades and two private water well decommission projects to protect groundwater and improve drinking water for homeowners.

Municipality of Clarington Approvals:

12 private water well upgrades and four private water well decommission projects to protect groundwater and improve drinking water for homeowners.

Purchase of a GPS unit to assist in the reduction of fertilizer and pesticide use in Wilmot Creek.

Continued assistance in the rehabilitation of a licensed aggregate pit to help protect natural habitat.

Continued assistance in a fencing project on a headwater stream of Graham Creek Foster Creek fencing project to protect water quality and stream habitat.

Habitat restoration within the Samuel Wilmot Nature Area along Wilmot Creek

Windbreak project in the headwaters of the Ganaraska River.

The GRCA also completed projects in other areas of GRCA's watersheds including a stream fencing and alternate water supply project in the headwaters of Cobourg Creek, and a shade tree planting project in partnership with the Town of Cobourg and St. Josephs Elementary School.

Tree planting

In 2008 GRCA planted over 33,000 trees across the region. In addition 2,050 trees were purchased by landowners to be planted on private properties. Landowners received special tree plant funding for subsidizing the cost of planting trees on private lands. GRCA partnered with Trees Ontario Foundation in funding landowners over \$11,360.00 towards the cost of planting trees on private lands. The GRCA also partnered with the Oak Ridges Moraine Foundation and the Caring for the Moraine Project in providing over \$4,378.50 to landowners for planting trees on the Oak Ridges Moraine.

Check Your Watershed Day 2008

GRCA hosted the third annual Check Your Watershed Day on July 19, 2008 in the Cobourg Creek watershed. Stream crews made up of volunteers and a trained leader visited 115 stream-road crossings, taking basic measurements such as stream width, depth and flow. This information helps staff increase their understanding and knowledge about summer time stream flow.



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