



GRAND Actions

The Grand River watershed newsletter



November/December 2013 • Volume 18, Number 6

What's Inside:

Watershed Awards

- Ron and Nancy Clark1
- 2013 Award Winners2
- Brandt's forest2
- Order trees by March 1 ...3

Heritage

- Photo contest4
- 20th anniversary4
- Lamp lighter5
- 20th anniversary survey ..5

What's Happening

- Winter adventure camp ..6
- Source Protection plan ...6

GRCF

- Conservation grants7
- Earlier Grant deadline7
- Scholarships7

- Calendar8

Cover photo

Ron and Nancy Clark at their home across from the southern Grand River.

Photo by Janet Baine



Caledonia couple receive top environmental award

By Janet Baine
GRCA Communications Specialist

Nature and education are incorporated into the collage of giving for Ron and Nancy Clark, recipients of the 2013 Honour Roll Award.

This is the highest level of award given out by the Grand River Conservation Authority and it is not given out each year. Yet it is only one of many awards and recognition events for the Clarks since last Christmas.

“It has been quite a year. We’ll have to come down to earth soon,” Ron says.

Last December Ron and Nancy both received Queen Elizabeth II Jubilee Medals. Then in June they were recipients of honorary doctorates from Laurentian University due to their philanthropy and volunteering. On July 1 they cut the ribbon at the newly redeveloped Kinsmen Park along the

Grand River in Caledonia. In September they helped cut the ribbon at the newly-rehabilitated Taquanyah Conservation Area. At the end of October they received an Honour Roll award from the GRCA.

Their environmental contributions go beyond the GRCA and this watershed. Ron Clark was successfully running the Clark Companies when he first joined the Grand River Conservation Authority board in 1972. He became vice-chair in 1974 and held that position for 10 years. Ron was among those presiding over the official opening of the Taquanyah Nature Centre in 1973, the Guelph Lake Dam and Conservation Area in 1976 and the Caledonia Dam in 1980, to name a few.

“I’m a life-long resident along the river. Being part of the GRCA got me to become more involved with the Grand River,” Ron says. He and Nancy are also long-time supporters of the Grand



River Conservation Foundation. They contributed to the campaign to purchase 75 kilometres of abandoned railway lines and convert these into trails. Between 2003 and 2007, they contributed annually to the Campaign for Outdoor Education, which kept the GRCA's nature centres operating during a period of government cutbacks.

Many years ago they offered a substantial amount to the Grand River Conservation Foundation for habitat redevelopment at Taquanyah Conservation Area, if these funds were matched. This initial contribution helped to bring in funds to complete the project. The land was rehabilitated after the Taquanyah Reservoir was removed and wetlands were added along with trails, interpretive signs and benches. This is very special part of the southern Grand to visit and there is no cost to do so.

Connection children with nature

The Clarks also provided funds to improve the Taquanyah Nature Centre. This resulted in upgrades to washrooms, floors, windows and doors, lighting, deck and stairs.

The Clarks have 10 grandchildren, many who live in the area and some have visited Taquanyah.

"We're from a farming background, so we get outdoors, but a lot of kids are from the city and they don't get outside. We're thinking not only of our own grandchildren, but all the children because if there is no outdoor education facility, they don't have the option to go there and learn," Ron says. They also support the Joy Program, to bring students to Ruthven for interpretive programs.

Kinsmen Park in Caledonia was redeveloped by Haldimand County thanks to the Clarks. This 10-acre property along the Grand River now has a new pool, splashpad, gazebo, outdoor fitness equipment and a ball diamond. The new River Walk along the Grand River creates an accessible path as part of this major project funded. A committee of nine including the Clarks and two of their children worked out the details and then worked with contractors and staff.

The park opened on July 1. It is now the recreational and social hub of downtown Caledonia.

More award recipients

Stories about five more 2013 Watershed Awards will be featured in future issues of Grand Actions. The recipients were:

- **Paul Clark** is a Guelph teacher who has been planting trees for 17 years. He ensures that all students at St. Peter School plant trees each year. This has transformed the area around the school.
- The **Turtle Island News** has been holding an Earth Day Festival for the past seven years in Ohswekan. Since 2006, thousands of trees have been given out.
- The late **Lynne Woolstencroft** of Waterloo was a dedicated politician who undertook many environmental initiatives during her political career.
- **George and Peggy Sarson** of Waterloo started Run for the Toad at Pinehurst Lake in 2002. Now it is Canada's biggest trail run and the Sarsons have improved the amenities at Pinehurst.
- **Bernd Brandt** has planted 25,000 trees of 20 species on his property in Oxford County, creating a beautiful forest.

Awards are given out each fall by the GRCA. More information and videos are available on the GRCA website: www.grandriver.ca/award.

Growing a forest in Oxford

By **Janet Baine**,
GRCA Communications Specialist

When he sees an empty spot on the landscape, Bernd Brandt has an urge to plant a tree.

He has had that urge so often that he has planted 25,000 trees on his 150 acre property in Oxford County near Bright at the far west of the Grand River watershed. He received a 2013 Grand River Watershed Award for the forest he has created on his land.

"I really like mixed forests, this is what I like to see the most," Brandt says, stretching his hand toward a varied forest that includes 20 species of trees of different sizes that he has personally planted or had planted. Some are old trees and others are newly planted.

Brandt has always liked trees. When he moved to the Toronto area from Germany as a child, he says he watered the weeds in the yard hoping they would grow. He became a mechanical engineer and ironically his first job was working on logging equipment, but he left that behind long ago. Until recently, he had his own company specializing in mobile equipment for the utility and



Photo by Dave Schultz

One Honour Roll Award and five Grand River Conservation Awards were given out by the GRCA in October 2013. From left are Ron and Nancy Clark, George and Peggy Sarson, Amy Catherwood (for Turtle Island News), Peter Woolstencroft (for Lynne Woolstencroft who passed away in May), Jane Mitchell (GRCA chair), Bernd Brandt, Joe Farwell (GRCA CAO) and Paul Clarke.



Bernd Brandt walks through a forest that he has planted on his land in Oxford County. He estimates that he has planted 25,000 trees of 20 different species over the years. He has worn out many boots and shovels planting trees.

construction industries. Tree planting has been a long-time interest.

“To me, a bare field is a tree-planting opportunity,” he says.

He planted a few trees on his urban lot in Scarborough where he used to live. Then he and his wife Gail Cuthbert Brandt, retired associate vice-president of the University of Waterloo, also planted thousands of trees on a Victoria County property they own near Lindsay. By the time they purchased their Oxford County property in the early 1990s, Brandt had already done lots of planting.

In 1994 and 1995 he ordered 10,500 trees over two years from the GRCA and these were planted by the GRCA along Black Creek, which runs through his land and is a tributary of Horner Creek. He then spent many years cutting the grass around the small trees along the creek so they would have the best chance of survival. This is no longer necessary. For the initial trees that didn't survive, he has been planting new ones. It keeps him busy each spring and he wears out boots and shovels regularly.

Brandt's favourite tree is sugar maple and he would like more of them. When he plants one, often a squirrel seems to plant a black walnut beside it. These walnut trees thrive

on his property and their toxicity can stunt or kill other species. There are places in his forest where a young, healthy walnut tree stands near a smaller dying planted tree.

Young trees are exposed to a lot of hazards, says Brandt, and need to be nurtured and protected. He enjoys walking around his property each year and assessing the health of the trees he has planted. He takes pleasure as well in knowing that his children and grandchildren will be able to enjoy the forest he has planted for years to come.

A story on each 2013 Watershed Award recipient will be published in upcoming issues of Grand Actions.

Order trees now for 2014

Tree orders for spring 2014 planting can now be made online.

The GRCA has an inventory of 300,000 native trees available to watershed landowners with a property that is greater than one hectare (2.5 acres) exclusive of

buildings, within the Grand River watershed. The GRCA has over 30 native species available for next spring.

280,000 trees planted in 2013

The GRCA planted 280,000 trees in 2013 and more than 180,000 of them were on private land.

The GRCA can also help landowners obtain grants to offset some of the cost. Projects such as windbreaks, shelterbelts, riparian buffers and large block plantings can receive grants covering 70 to 90 percent from sources such as Trees Ontario and the Rural Water Quality Program.

For plantings that will be done by the landowner the deadline is March 1, however the more popular species may not be available as this more trees are filled. The minimum order is 200 seedlings or 20 saplings or potted plants.

For more information, check the Forestry section of the GRCA website at

www.grandriver.ca/treesales or call the appropriate staff member for your area at the GRCA office at 519-621-2761:

- Waterloo Region, Oxford County, Brant County, Hamilton and Haldimand County – Jessica Robbins, Ext. 2277
- Wellington County, Perth County Halton Region and Dufferin County – Myles Henderson, Ext. 2262
- Mapleton Township – Mark Funk, Ext. 2259.

The GRCA will also arrange to have trees planted, however the deadline is Dec. 1 each year. The minimum order is 500 seedlings or 30 saplings or potted plants.

Demand for a property visit to by a GRCA forestry specialist is high, but if you would like advice on planting and funding options, call now to get your name on the list, although it is now too late for spring of 2014.

Tree sale in May

The GRCA also holds a tree sale every year in May, so March 1 is not the absolute last opportunity to purchase trees 2014.

The trees that are overstocked or not picked up are sold at this sale. It is first come, first served and line ups start as early as 6 a.m. on sale day. Check our website for the date, which has not yet been set and also the list of available trees www.grandriver.ca/treesales.



Girl Guides in Drayton were out tree planting after an early snowfall in October. It was a sign that winter was on the way.

Submit your grand photos to GRCA photo contest in 2014

The GRCA will hold a photo contest and will accept submissions Jan. 6 to Oct. 31, 2014.

There are lots of great prizes as well as a heritage category. If you are a shutter bug who enjoys capturing the beauty of the Grand River watershed or the recreational activities of family and friends in the great outdoors, then this contest is for you. In honour of the 20th anniversary of the Heritage River designation for the Grand, Nith, Conestogo, Speed and Eramosa rivers there is also a category for historic photos.

Categories:

1. Riverscapes: A river landscape highlighting natural and/or cultural features which are found along, or in the waterways of the watershed.

2. Recreation: People enjoying the GRCA's parks, natural areas and trails, and/or the river system.

3. Historic photos: Original photos taken before 1975 that illustrate water-related recreational activities, or river-related cultural and historical features of the Grand River watershed such as bridges, dams, mills, homesteads, communities and

HERITAGE RIVER

transportation.

\$2,000 in prizes

There will be one Grand Prize awarded for the best overall photo, chosen from all entries.

The Grand Prize is a \$500 gift certificate from a local camera retailer of your choice for the top overall photo chosen from all entries.

There are six more prizes with the top winners in each of the three categories set to receive gift certificates valued at \$250 for the first place and \$100 for second place.

Monthly Draws: In addition, there will be a random draw each month among all of the submissions for that month, with the winner receiving a free Grand River Park Membership, worth \$125. The pass allows unlimited access to all GRCA parks.

Each photographer who submits a photo during a particular calendar month will be entered into the monthly draw. Each of the membership winners will be chosen at

random.

A person may win a membership draw and still be eligible for the Grand Prize or a category prize. Only one Grand Prize or Category Prize per person.

Photos need to be submitted electronically in digital format as a JPG file. They must be at least 2100 pixels wide for a horizontal image or 2100 pixels high for a vertical image.

The complete list of photo contest rules and submission information is available on the GRCA website at

www.grandriver.ca/photocontest.

20th anniversary of river designation

The 20th anniversary of the Canadian Heritage River designation of the Grand, Nith, Conestogo, Eramosa and Speed rivers is in 2014 and we are getting an early start on stories with a heritage focus that will appear in *Grand Actions* and other GRCA communications.

The new **20th anniversary logo** that appears on this page will be used by the GRCA during the year.

The program and registration form for the **Heritage Day Workshop and Celebration** on Feb. 14 is included with this issue. It is a fun, educational day that will explore the role of the Six Nations during the War of 1812 and there is no charge to attend this event that takes place at Ohsweken, the heart of the Six Nations.

If your organization is incorporating a heritage river theme into an event, please send the details to jbaine@grandriver.ca and we will incorporate it into our calendar and help get the word out across the watershed.





Photo by Neil deBoer

The sun setting on the West Montrose covered bridge would have been the call to light the lamps on the bridge. This is the only remaining covered bridge in Ontario.

Lamp lighter of West Montrose kissing bridge

By Karen Earle

For 25 years, I've lived along the Grand River in Waterloo. It's with fascination that I've watched the river's many moods, but I most cherish its link to my past. During spring breakup, ice chunks bob like sharks in the swollen water. On still summer evenings, vibrantly coloured hot air balloons attempt to "kiss" the surface of the river. Then there are the night sounds of the Grand: the haunting squawks of a great blue heron, reminiscent of prehistoric pterodactyls, or the mournful sound of a horse whinnying, in actuality, the voice of the eastern screech owl.

Charles Dengis, my great-grandfather, was a shoemaker whose combination shop and home was located beside the West Montrose covered bridge near the Grand River in the late 1800s. Charles and his wife Katherine had five children, one of whom was my grandmother Elmina. Besides manufacturing leather shoes and boots, Charles had another unique task—to light the lantern in the "kissing" bridge.

Why was it called a kissing bridge? To protect the wooden decking from weather and, thereby, prolong the life of the bridge, it was covered with a roof. This dark, romantic

hideaway became an ideal setting for young couples to park their horse and buggies in the centre of the bridge where they could steal a kiss away from prying eyes.

Built in 1881, West Montrose's covered bridge was a key route across the winding Grand River for the village, a thriving community of 200 by 1890. Charles Dengis' little shop was used as a polling station for \$3 in 1897, the year my grandmother was born. From July 1901 until the end of 1903, Charles supplemented his cobbler's income as a lamplighter.

According to Woolwich Township minutes, the lamp lighting contract stipulated "the lamp to be lit all dark nights and to burn all night at least 200 nights during the year". What started out as a pay of \$14 annually rose over the next couple years to \$18.75 per year. Like his predecessors William Nill, the first lamplighter, and George Halm, Charles purchased supplies of coal oil and wicks from his pay.

Unfortunately, the population of West Montrose was dropping, making it difficult to earn a living as a shoemaker. In 1904, the year following his lamp lighting duties, Charles moved his family to Kitchener where he worked in a shoe factory. By 1906, West Montrose had a mere 50 residents.

It wasn't until 1950 that the West Montrose lamplighter's role was no longer needed. To avoid any chance of fire destroying the historic bridge, electric lights were wired into the lanterns and Lloyd Hartwick became the last lamplighter. Thus ended the line of West Montrose residents, like my great-grandfather, who lit the lantern in what is now Ontario's only remaining historic "kissing" bridge.

Submitted by Waterloo resident Karen Earle.

Heritage River surveys due Dec. 13

The year 2014 marks the 20th anniversary of the designation of the Grand River and its major tributaries (Speed, Eramosa, Nith and Conestogo) as Canadian Heritage Rivers.

On behalf of the Grand River watershed residents and municipalities, the Grand River Conservation Authority has supported the Heritage Working Group, which coordinates the designation, and encourages active participation in supporting recognition of the Grand River and tributaries.

To maintain the designation, a 20 year

monitoring report is needed for submission to the Canadian Heritage Rivers Board. Your participation in helping us to collect this information is most appreciated. In order to fulfill this obligation, information about status of heritage values, associated management issues and successes, and future directions that should be undertaken is being gathered. This information will be used to develop the monitoring report.

This monitoring report will note changes, additions and losses to the features and values which support the designation since the last monitoring report was submitted in 2004.

The attached link to the survey that will help us complete the monitoring report. Please complete your survey by December 13, 2013. Your participation is important and appreciated.

The surveys can be found at:
www.grandriver.ca/heritagesurvey.

WHAT'S HAPPENING

Sign kids up for camp Jan. 2 & 3

Winter Adventure Days are taking place at Apps Mill (near Brantford), Laurel Creek (Waterloo) and Guelph Lake on Jan. 2 and 3. Kids can come for one or both days. Register online at

www.grandriver.eventbrite.ca

Winter Adventure day camps are fun and educational. They teach kids to commune with the natural environment by providing hands-on, environmental-based programs geared for 6 to 12 year olds.

These programs feature nature-themed activities and adventures such as hikes, games and crafts. Participants go outside daily to explore the fields and forests that surround our nature centres. The goal is to introduce children to a lifetime of appreciation for the natural world that sustains us all.

This Winter Adventure Days may include snow shoeing, tobogganing, snow sculpture building and animal tracking (depending on weather conditions). The cost is \$37.50 per full day, with the possibility of extending the program to 8 a.m. to 5 p.m.

Source water protection plans approval expected in 2015

The process of developing a drinking water source protection plan for the Grand River watershed is quietly moving forward.

After several years in development, a source protection plan was submitted to the Ontario Ministry of Environment for its approval. The process to develop the plan was led by the Lake Erie Region Source Protection Committee, which also oversaw development of plans for the Long Point Region, Catfish Creek and Kettle Creek watersheds.

Ministry staff are reviewing all four plans to ensure they meet the terms of the Clean Water Act, which launched the planning process in 2006.

The goal of a source protection plan is to protect the sources of municipal drinking water, such as wells and the Grand River, from contamination. The Act was written to implement some of the recommendations of the judicial inquiry into the Walkerton tainted water tragedy.

The review process can take some time, particularly for large and complex plans such as the Grand's.

As the province reviews the Grand River

plan, it may make suggestions on ways to change it to ensure it conforms to the Act and its regulations.

If the province proposes substantial changes, a public information or consultation process may take place in 2014.

A total of 38 source protection plans were produced across Ontario. So far, just the plan for the Thunder Bay area has been approved.

The ministry anticipates that it could take until sometime in late 2015 before all the plans are approved.

Meanwhile, some work is taking place to update some elements of the plan.

In the Grand River watershed, studies are continuing to determine if there are areas where policies are required to protect the amount of water available for municipal supplies.

Also in the Grand River watershed, technical studies are taking place to bring a mothballed river intake at Dunnville under the plan. Previously, the river intake was excluded from the process, but the County of Haldimand has decided it would like the plan extended to include the river intake as an emergency backup to the Lake Erie intake that currently supplies Dunnville.

When the work is complete, there will be a public consultation period to inform landowners who may be affected, giving them an opportunity to comment.

Meanwhile, the GRCA, municipalities and other agencies are taking steps to be ready to implement source protection plans once they are approved.

The Lake Erie Region source protection staff has sponsored workshops to provide municipal officials with information on some elements of the Clean Water Act.

The workshops are an initiative of the Municipal Implementation Working Group which provides a forum for information sharing, collaboration and development of resources.

The group meets monthly to help municipalities prepare for implementation.

Municipalities will have a significant role in implementing source protection plans and reporting on their actions to the Source Protection Authority in their watershed.



Feeding the chickadees at Guelph Lake Nature Centre is an activity during Winter Days.

GRCF gives out conservation grants

The Grand River Conservation Foundation awarded four Community Conservation Grants to community organizations in the watershed and four school grants. The grants were given to the organizations in October and to the schools earlier in the year. These are the recipients of the grants to organizations:

- A grant of \$500 to **Ruthven National Historic Site** near Caledonia will help provide more nesting habitat for purple martins, a small bird that is in decline in Ontario.
- A grant of \$500 went to the **Hamilton Naturalist Club** which will restore a riverside area at the Amaolo Nature Sanctuary along Fairchild Creek. The sanctuary is in a part of Hamilton that is



Checking for purple martins at Ruthven. The number of purple martins has been increasing and more nesting areas will be built as a result of the community conservation grant.

within the Grand River watershed.

- A grant of \$1,000 went to the **Alma Community Recreation Association** to create a labyrinth surrounded by a native species Memory Arboretum.
- The **Guelph Enabling Garden** received \$500 for the therapeutic garden at River side Park along the Speed River for native trees, plants and supplies.

The conservation grants of \$500 are going to four schools. The schools used the grants for projects including school-based gardens, outdoor learning areas and educational conservation projects. The winning schools are:

- St. George German School, St. George
- Forest Glen Public School, New Hamburg
- St. Joseph Catholic School, Fergus
- Saginaw Public School, Cambridge

Feb. 28 deadline for 2014 grants

The grant application deadline in 2014 is being changed to Feb. 28.

The Foundation wants to let people know about this change early, so they don't miss the deadline. The change will allow schools and organizations to receive the funds earlier as most projects take place in the spring.

The GRCF is awarding grants of up to \$1,000 to qualified community groups and up to \$750 to elementary schools. The grants are for tangible conservation projects in communities throughout the Grand River watershed. Eligible projects must be available for the use or benefit of the entire community to receive grants.

School grants are for trees and other greenery that is part of school yard greening projects.

Grant recipients will be notified in the spring. A final report may be requested of grant recipients within one year, or upon the successful completion of the project.

Applications can be downloaded from the Foundation section of the GRCA website at www.grcf.ca or by contacting the Grand River Conservation Foundation in Cambridge at 1-866-900-4722 or 519-621-2763 ext. 2372. The mail at foundation@grandriver.ca.



A female and a male purple martin.

Two scholarships awarded by GRCF

The Grand River Conservation Foundation awarded two scholarships in October.

This was the second year for the **Allan Holmes Scholarship**, named for the former CAO of the GRCA who passed away in 2010.

The recipient is Celia Kennedy, a PhD student in environmental sciences at the University of Guelph. She is working to develop a suite of field methods and tools for investigating how groundwater and surface water interact in bedrock rivers, like the Eramosa River. The \$5,000 scholarship will help with her river-related research.



Celia Kennedy

The **S. C. Johnson & Son Limited Scholarship** of \$1,500 went to Michelle



Michelle Burger

Burger, a University of Waterloo student who is majoring in environment and resource studies with a minor in biology. This award has been given out for 13 years to a full-time student in their third or sixth semester of an honours program at a watershed university.

The **McEwan Clean Water Prize** was not awarded in 2013, but it will be available next year. The 2014 deadline for scholarships will be the end of May and the application forms will be posted on the website at www.grcf.ca.

THE GRAND CALENDAR

Christmas for the Animals, Guelph Lake Nature Centre, Sunday, Dec. 15, 2 p.m. to 4 p.m.

Feed chickadees right on your hand, and make Christmas treats for the birds to take home. Tracking clues on the hike to the chickadee tree will let us know how animals are preparing for the upcoming snowy winter. \$5.00 for children under 16 \$8 for adults. Registration is required by calling (519) 836-7860 or email guelphlakenc@grandriver.ca.

Surface Tension, The Future of Water, The Museum, 10 King Street West, Kitchener, on until Jan. 5, 2014.

This exhibition brings together work by artists, designers, engineers and scientists to explore the future of water. The 35 installations play on water's physical properties and its role in politics and economics. It explores ways that water is harnessed, cleaned and distributed. Check www.themuseum.ca for information.

Exploring Trees, Inside and Out, The Waterloo Region Museum, 10 Huron Rd., Kitchener, until Jan. 5.

This environmental exhibit offers children and families the opportunity to discover the wonders of trees through engaging interactive experience. It contains parts of a tree in larger-than-life scale which enables visitors to take a walk through the inside of a tree trunk and through the veins of the leaves. Note that there is a 25 per cent discount for visitors who do both exhibits. Check www.waterlooregionmuseum.com for more information.

Nature in the City, six Wednesday night talks at the Guelph Public Library 7:30 p.m. to 8:30 p.m. to introduce nature in and around the city.

Hosted by Nature Guelph, these intro topics are aimed at immigrants, newcomers and students, rather than established Nature

Guelph members. Jan. 22-Backyard Birds, Jan. 29- mammals, Feb. 5-birds, bees and butterflies, Feb. 19-Outside and Beyond, Feb. 26-Take it to the Trails, March 5-Slime and Scales. More information is available at www.natureguelph.ca.

Guelph Organics Conference & Expo, University of Guelph, Jan. 30 to Feb. 2

This conference provides a comprehensive program of workshops, a free organic expo and sampling fair as well as a Friday night keynote talk and forum about the greening of agriculture. For more information visit www.guelphorganicconf.ca or call 519-824-4120 ext. 56311.

Heritage Day Workshop, Feb. 14

Mark your calendar to attend the 17th annual Heritage Day Workshop taking place in Ohsweken at Six Nations Polytechnic. The theme for 2014 is Crossroads of Conflict, Pathways to Peace: Legacy of a Living Culture. This workshop is the third and last Heritage Day Workshop focused on the influence of the War of 1812-14 on the people, places and events in the Grand River watershed. The event is sponsored by Six Nations of the Grand River, Chiefswood National Historic Site, Six Nations Tourism, Woodland Cultural Centre, Grand River Conservation Authority and the Heritage Working Group of The Grand Strategy. Complete the attached registration form or check www.grandriver.ca.

Valentine's Moonlit Snowshoeing, Guelph Lake Nature Centre, Feb. 14, 7 p.m.

Celebrate a full moon and Valentine's weekend while snowshoeing along the winter lakeshore. Remember that snowshoes are limited so please reserve a space by calling 519-836-7860. If snow conditions are poor, there will be a moonlit hike instead.



Six-spotted tiger beetle collected at Guelph Lake Nature Centre and photographed by researchers at the Biodiversity Institute of Ontario in Guelph.

About Grand Actions:

This newsletter is produced bi-monthly by the Grand River Conservation Authority.

More information:

Current and back issues as well as complete subscription information is available online at www.grandriver.ca/GrandActions.

Submission deadlines:

The 15th of February, April, June, August, October and December. Submissions may be edited for length or style. Photos and event information is also welcome. We do our best to publish items, but we are not able to guarantee publication.

To subscribe by email:

GrandActions-subscribe@grandriver.ca

To subscribe by mail, change your subscription of for information:

Janet Baine, *Grand Actions* editor
Phone: 519-621-2763, Ext. 2302
E-mail: jbaine@grandriver.ca
Mail: Box 729
400 Clyde Road
Cambridge ON N1R 5W6

This publication is printed on Rolland Enviro100, an FSC certified, environmentally-friendly paper. The paper is manufactured using 100% post-consumer fibre and is processed chlorine-free using biogas energy.



100%