



GRAND Actions

The Grand River watershed newsletter



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Rockwood in the movies

By Janet Baine

GRCA Communications Specialist

It is time for us to set all modesty aside and spill the beans on a star among us.

This star is often well camouflaged by cedar trees and rocks rather than dark glasses and a big hat. Rockwood Conservation Area has silently shared the screen with Paul Gross (Men with Brooms), Hilary Duff (Cheaper by the Dozen 2), Jude Law (eXistenZ) and William Hurt (A History of Violence) and many other Hollywood stars. Excited teenage girls could hardly be kept away when word got out that the Jonas Brothers were filming Camp Rock 2 at Rockwood.

Not that we're dropping any names here, but these rocks and woods have been scouted for David Cronenberg movies twice. Horror is a favourite genre and comedy is a more distant second. Did you see Red Green's movie Duct Tape Forever? Look closely at the rocks and woods, and you may spot a gate house disguised as a

border crossing.

If Rockwood CA has an agent, it has been Brad Dixon who was the superintendent until March, when he moved to Guelph Lake. He has negotiated with location scouts and balanced the needs of the actors, film crews and regular visitors to the conservation area. Occasionally, parts of the conservation area are closed to the public during filming, but GRCA staff always try to ensure filming takes place during less busy times of the year, such as spring and fall and also on weekdays rather than weekends. Filming brings in extra revenue to supplement park income and improve services.

On location at other Grand River parks

While Rockwood is undoubtedly the shining star, other conservation areas have also been transformed into film sets. Perhaps the most elaborate set was for Dead Silence (2007) a thriller filmed at the Elora Quarry shot mostly at night.

Cover photo

The beach at Rockwood was transformed into a summer camp for the filming of Camp Rock 2 in 2009.

Photo by Brad Dixon





Do you recognize these places? 1. Canoe scene from Cheaper by the Dozen 2 at Rockwood, 2. Murdoch Mysteries CBC TV show at Rockwood, 3. Set for Dead Silence at the Elora Quarry, 4. Scene from The Border shot at the Harris Mill at Rockwood.

Belwood Lake was the location of *How to Deal* (2003) and *Trapped in Paradise* (1994). Most appropriately, it was also the location of an episode of the *Real Fishing Show*.

Sarah Polley chose Pinehurst Lake and Brant Park as locations for the award-winning film *Away from Her* (2006) starring Gord Pinsent and Julie Christie. If you saw the film, you may remember a field of trilliums that sparked a memory for Julie Christie. This was shot at Pinehurst Lake soon after a sign of Brant Conservation Area flashed past their car.

Commercials too

When you watch TV and see the commercials — look closely. You may just spot a familiar park in the background.

“We also have had a ton of TV commercials and print ads done at the parks,” Dixon says. Canadian Tire uses

Rockwood to shoot catalogue photos each spring. Commercials for Mars Bars, Tim Horton’s (remember the cliff that a guy stood on and his echo came back to him? That was Rockwood), American Express and Canada Savings Bonds were shot at GRCA parks.

Which famous Hollywood superstars are coming to Grand River parks this year, you ask? Our lips are sealed. Maybe we don’t want the paparazzi to swoop down or maybe the details haven’t been worked out yet.

Rockwood:

A History of Violence (2005)
Cheaper by the Dozen 2 (2005)
eXistenZ (1999)
The Barrens (2012)
Camp Rock 2: The Final Jam 2010
Skinwalkers (2006)
The Border (2008 TV series)
Men with Brooms (2002)

Roxy Hunter and the Myth of the Mermaid (2008 TV movie)
Night of Terror (2006 TV movie)
Duct Tape Forever (2002)
Virus (1996)
Lost for Words (2010 Short Film)

Elora Gorge:

Simon Birch, Ashley Judd (1998)
Time Of The Wolf, Burt Reynolds (2002)
Evil Knievel, made for TV

Elora Quarry:

Covert Affairs (2012)
Angel Eyes, Jennifer Lopez (2003)

Belwood Lake:

How to Deal, Mandy Moore (2003)
Trapped In Paradise, (1994)
Real Fishing Show, Bob Izumi (2009)

Cottage life close to home

By Janet Baine

GRCA Communications specialist

At two GRCA parks, 735 families get the water, the sunsets and the cottage without the long drive north.

Cottagers at Belwood Lake near Fergus and Conestogo Lake northwest of Elmira don't have to face the traffic on Highway 400 to cottage country each Friday and Sunday. For John and Peri Hamilton, the cottage is a mere seven minutes from home.

During the summer, they live at their Belwood Lake cottage because they can be on their dock by 5:30 p.m. on a work day and they have an easy drive to work the next day. John Hamilton says this has been the family retreat since 1955 when his father, Jack Hamilton, first built the cottage. John has grown up with the Belwood cottage and has many long-time friends there, so it is a social place that feels 200 miles away. He is a vice-president of the Belwood Lake Cottagers Association.

Wayne Gowing's parents and aunt and uncle leased their cottage lot at Conestogo Lake in 1959. The first year they cleared the lot and camped and their first cottage was built the next year. That cottage is long gone and they've built a newer one. The Gowings

don't live at the cottage during the summer, but go most weekends, including sometimes in winter.

These long-time cottagers know better than anybody that a reservoir is not a lake. The water level can go up four or five feet within a day in extreme cases. During late summer the water can recede so much that the dock doesn't reach the water. The reservoirs are used for water management and so water levels fluctuate quite a bit.

"What I like about it is the change of scenery," Hamilton says. "At the beginning of the year, the water is up to your lawn. Later there is a little bit of beach. By the end of the season, because there is lots of beach exposed for shoreline walks. I'm always the optimist and am used to the changing water level."

Changing reservoir levels

If a new cottager doesn't know about changing reservoir levels when they move in, the adjustment can be difficult. Hamilton says the trick is to find a docking system that can handle the fluctuations and is easy to move by yourself. Some people use docks that float or are on wheels. The GRCA also tries to warn cottagers about the changes and

they can subscribe to receive flood messages by email.

The Shand Dam was constructed in 1942, creating Belwood Lake. Cottage lots first became available in 1945, while Conestogo Dam was completed in 1958 and the cottage lots were leased soon after that.

Many early cottages were simple structures without services, but over the years they have been replaced by more substantial buildings with wells and septic systems.

At these reservoirs, the GRCA owns the land and leases lots to tenants for seasonal occupancy April 15 to Nov. 15 each year. Tenants build and maintain their own cottages, outbuildings, docks, wells and septic services, while adhering to GRCA and government policies. The GRCA provides services such as waste removal and roads.

There are nearly 400 cottages at Conestogo Lake and 335 at Belwood Lake. These are the two reservoirs where motor boats are permitted, and almost all cottagers have boats for fishing and water activities. While they can visit in winter, cottagers are not permitted to live there year-round.

Most cottagers see GRCA property superintendent Brian Wolfe as the public face of the GRCA. He is often at the lakes ensuring everything is in order. But Wolfe says he is backed up by a team of people who stand behind him. This includes park staff who look after boat launches and other services, forestry staff who remove hazard trees and central services staff who fill potholes on cottage roads. Dam operations staff do their best to keep cottagers informed of changing water levels and administration staff look after billing.

Cottagers take an active role in environmental initiatives. For example, the Conostogo Lake Cottagers' Association received a \$5,000 grant from Cottage Life Magazine in 2011 to replant an area of forest that was destroyed by a 2005 tornado. The group worked in partnership with the GRCA on this project. The GRCA provided trees and a planting plan, while the cottagers did the planting.

Many, but not all cottagers belong to either the Belwood Lake Cottage Association or the Conestogo Lake Cottage Association, which each hold an annual meeting and do their best to represent the cottagers. The Belwood cottagers have a website at www.belwoodlake.com.



Photo by Mollie Kuchma

Once cottagers at Belwood and Conestogo Lakes know the water goes up and down, they can enjoy cottaging close to home. This dock is on Conestogo Lake.

LOOK WHO'S TAKING ACTION

Toyota staff donate their time

By Janet Baine

GRCA Communications Specialist

Commitment to the environment is a top priority for Toyota Motor Manufacturing Canada (TMMC).

The Cambridge manufacturer received a 2012 Grand River Watershed Award from the GRCA because it has contributed to the environment in many ways.

TMMC was a major donor to the Grand River Conservation Foundation's Living Classroom — Campaign for Outdoor Education which raised money to support environmental education programs for elementary school children.

In 2000, Toyota provided funds to convert a food concession at Shade's Mills Conservation Area into the Toyota Nature Centre.

In 2004, TMMC contributed to rejuvenating the Toyota Way Trail and installing new platforms along Mill Creek where students learn about river ecology.

In 2008, TMMC supported the Toyota Living Roof at the Laurel Creek Nature Centre in Waterloo.

TMMC's financial contributions expanded in 2012, when Toyota donated \$100,000 to care for trails and natural areas owned by the GRCA.

"Toyota Motor Manufacturing Canada has

enjoyed a long history with the Grand River Conservation Authority. Many of our team members look forward to relaxing with their families at the local conservation areas, and we hope that this donation will support the ongoing stewardship of the GRCA," said TMMC President Brian Krinock.

In 2011, TMMC expanded their philanthropy program to incorporate the donation of labour through the creation of a new Community Support Program. Teams of TMMC employees repainted several buildings at Shade's Mills Conservation Area including the nature centre. They planted 3,000 trees at the Kitchener-Conestoga Rotary Forest and various sites in Guelph.

"It was truly inspiring to see the amazing support from the employees from Toyota. They really worked hard and with so many of them, they got a lot done very quickly. With a new coat of paint, the buildings look great again and I know this is just one of the locations where they helped out," said Brian Hunt, superintendent of Shade's Mills.

In 2012 Toyota employees pruned four kilometres of trees along the rail trail, planted nearly 1,000 trees and shrubs, built



four foot bridges at the GRCA's Starkey Hill Conservation Area, placed wood chips along the trail and installed beaver protection on trees. They are planning similar work this spring.

"This program is just one more way that Toyota is getting involved in the protection measures of our natural world," said Sara Wilbur, executive director of the Grand River Conservation Foundation. "Their commitment is more than just a cheque — it's a wide-ranging philosophy."

As a manufacturer, TMMC is committed to environmental sustainability. In 2004, a company goal of sending zero waste to landfill was set and remarkably, this goal was met two years later through comprehensive recycling, reusing, reducing and composting programs.

From water-saving processes that dramatically reduce water use, to reclaiming previously wasted heat used in manufacturing, TMMC looks for innovative ways to continuously improve. TMMC received an award for water conservation from the Regional Municipality of Waterloo in 2010. TMMC continues to set new environmental goals every year.

In fact, in 2012 TMMC was selected as one of the Top 100 Green Employers in Canada. Employers must "actively develop exceptional earth-friendly initiatives" to receive this honour.

May 31 deadline for watershed awards

Nominations for the Grand River Conservation Watershed award can come from anyone in the watershed.

If you know a person, organization or business that you think deserves an award, please make a nomination. The deadline for nominations is May 31, 2013. A nomination form and list of previous recipients is available in the Watershed Awards section of the GRCA website at www.grandriver.ca.

The GRCA presents two types of awards: the Honour Roll Award for a sustained record of achievement over an extended period of time and Watershed Awards for outstanding examples of conservation and environmental work. Recipients are not eligible to receive the same award twice. Check www.grandriver.ca/awards for a nomination form and more information.



Photo by Janet Baine

A work crew on the trail by Glen Morris set to do some pruning.

Haldimand and the War of 1812

By Barbara Veale

GRCA Partnership Coordinator

Through stories, songs, skits and presentations, participants in the Heritage Day Workshop and Celebration held on Feb. 15 learned how the War of 1812-14 influenced the stalwart pioneers of the southern Grand River.

The workshop, held in Dunnville, was attended by about 210 people. It was the second workshop focused on how the War of 1812 affected local communities and families in the Grand River watershed. This war was pivotal in shaping the nation and society.

Don Edwards, director of operations for Haldimand-Norfolk MP Diane Finley, moderated the event with great aplomb. Karen Richardson from Haldimand Museums provided an overview of the role of Haldimand County's citizenry during the war. This included in battle, in support of the militia and in conspiracy. Her colleague, Anne Unyi, tested the listening skills of attendants with a trivia contest.

Local history came alive with the help of narrator Eva Salter and actors Joanne Wolnik, Yvonne Drebert and Nicole Drake who told the story of the Young family through the eyes of nine generations of women. The first generation of this

WHAT'S HAPPENING

Haldimand founding family was directly affected by the War of 1812.

Ian Bell, troubadour and curator at Port Dover Harbour Museum, regaled the audience with traditional folk music songs featuring tales associated with the war.

The event also highlighted commemorative activities aimed to build awareness and education. Adrienne Horne from the Western Corridor Bicentennial Alliance launched a new booklet featuring "Route 1812", a series of driving trails linking historic sites and cultural institutions associated with the war. An accompanying CD describing the sites is also available.

The Barn Quilt Trail was featured in a talk by Mike Baker from Elgin County Museum. Traditional quilt blocks are painted on the side of barns or freestanding structures. They symbolize events which tell local stories of the war and have been integrated into Route 1812.

A preview of a documentary called *A Desert Between Us and Them: Raiders, Traitors and Refugees in the War of 1812* was shown by Zach Melnick and Yvonne



Photo by John Mitchell

Even Sir Isaac Brock came to the workshop.

Drebert. This documentary will be available to schools along with course guides. It will also be shown on TV Ontario later this year. More information is online at www.westerncorridor1812.com/projects.php.

Also launched was the Legacy of the Grand River exhibit, a twelve panel display illustrating the history of the Grand River and the War of 1812.

Food is also part of the commemorating the war. Christine Rohrbach from Hewitt's Dairy, which celebrated its 125th anniversary of processing milk, as well as its 50th anniversary of producing ice cream is producing two limited edition ice cream flavours: 1812 Cannonballs and Redcoat Rations.

Bains Road Cider Company is Haldimand's one and only winery, specializing in fruit wines. Owner Geoff MacDonald created an 1812 Black Current Port that is so popular it is sold out. Exhibits from local heritage groups were also on display.

Sponsors of the workshop included the Department of Canadian Heritage, the GRCA and Haldimand County. Many people provided donations to help defray the costs and these can still be made online at www.grcf.ca.

Next year's workshop will take place in February at Six Nations of the Grand River Territory and will continue the War of 1812 theme. Details will be posted to the GRCA website when they become available at www.grandriver.ca.



Photo by Barb Veale

More than 200 people gathered in Haldimand County to learn more about the War of 1812 at the Heritage Day Workshop in February.

May 31 deadline for conservation grants

Applications are now being accepted from community groups and schools for Community Conservation Grants given out by the Grand River Conservation Foundation.

The foundation is awarding grants of up to \$1,000 to qualified 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.

The deadline for receipt of grant applications is May 31. The award recipients will be selected this summer. 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.grca.ca or by contacting the foundation in Cambridge at 519-621-2763 ext. 2372 or by email at foundation@grandriver.ca.

Scholarship applications in May

The Grand River Conservation Foundation gives out two scholarships to university or college students who are studying within the Grand River watershed.

These include two S.C. Johnson Environmental Scholarships of \$2,000 each which will go to undergraduate students. The Allan Holmes Scholarship of \$5,000 is for a graduate student.

Applications are open to full-time students studying within the Grand River watershed and full details are available online at www.grcf.ca. Each scholarship has different criteria.

The deadline for applications is May 15 for the Allan Holmes Scholarship and May 31 for the S. C. Johnson Scholarship. A selection will be made by the foundation's awards committee prior to Aug. 31. For information and an application form contact the foundation by e-mail at foundation@grandriver.ca or by phone 519-621-2763 ext. 2372.

Ancient marker tree found on Fairchild Creek

These days as we barrel down the highway, we have a voice from a GPS and road signs to help us make our way to where we are going.

Long ago Native people found an ingenious way to use the resources they had to point the way to a favourite hunting ground, or water source or village. They used marker trees, a southern cousin to the now famous stone Inuksuks of Canada's north.

Marker trees are old hardwood trees that were intentionally shaped by Native people. They are found throughout North America. They have a distinct horizontal bend several feet off the ground so that they can be visible at a great distance even when snow has fallen. This unique feature identified them as trees that had been intentionally shaped,



Photo by Paul G. O'Hara

This is a confirmed marker tree that is near Fairchild Creek within the Grand River watershed.

DID YOU KNOW?

rather than a tree that has been deformed by nature or disease. To the untrained eye, it can be hard to tell the difference.

Marker trees created by Natives

"There is something so beautiful, sophisticated and poetic about a marker tree," writes Paul O'Hara, who has been researching marker trees in southern Ontario for nearly four years. "It is incredible to think in this age of frenzied, electronic communication that living, natural messages, so simple and practical, are still standing — a centuries old tap on the shoulder pointing the way home. I would argue that our oldest trail marker trees are the most historically important trees in Ontario today."

O'Hara has found a marker tree near Fairchild Creek, the only marker tree that he knows of in the Grand River watershed. It is one of several trees that he wrote about in the Field Botanists of Ontario Newsletter. Here is the part of his article that profiles this tree that was likely put there to point to the blueberries that once grew at Beverly Swamp. He went to the area to investigate another tree he had been told about, but that one turned out not to be a marker tree.

"The woods along the nearby Fairchild Creek were pretty so I wandered around a bit. It was a young forest, with scattered older sugar maple, chinquapin oak and a shag carpet of wood's sedge underfoot. Stumbling for a while through a nest of American prickly-ash, I reached a small clearing and it was then that I saw it out of the corner of my eye. It was pointing right at me: a giant, rugged, old sugar maple marker. I was gob smacked, both at the sight of the tree and the serendipity of the find."

If you think you know of a marker tree, please contact Paul at blueoak@sympatico.ca.



Photo by Alex Paroski

Students from Ecole l'Harmonie in Waterloo visit the sugar bush at Laurel Creek Nature Centre. It was shaping up to be a good year for maple sugar.

Flushed away: Protecting fish from the things we use every day

Our watersheds are being affected by more than the industrial chemicals that flow through wastewater treatment plants into our watersheds. Fish are being affected by everything from the medicine we take to the personal care products we use, says biology professor Mark Servos.

Servos, an ecotoxicologist and holder of



Students doing research on the Grand River.

RESEARCH

the Canada Research Chair in Water Quality Protection, says the things we use every day pass through treatment plants that were never designed to remove this diversity of substances. Many of these chemicals have only recently been recognized as a threat to aquatic ecosystems. One aspect of Servos' research program tackles the challenge of understanding how chemicals that are flushed into our waterways behave and impact animals, especially fish.

Changes in fish

He says recent findings in the Grand River have shown dramatic changes in fish near treatment plants, including altered expression of sex-related genes, the development of eggs in the male tissues (intersex), changes in the ability to produce hormones and altered reproductive success.

Servos researches the impact of contaminants on aquatic life at levels "from gene expression all the way up to whole

communities of fish in watersheds around the world." He says cooperation is the key to innovation in water science which is why the newly-created Water Institute, based at the University of Waterloo, will be integral to supporting sustainable watersheds globally.

Although Servos emphasizes that the levels of most of these emerging contaminants of concern detected in waterways such as the Grand River represent a minimal risk to humans, the long-term continuous exposure to these complex mixtures is a major global concern for aquatic ecosystems, especially fish.

Servos points out that "determining the specific chemicals in effluents responsible for these changes is a major scientific challenge." By integrating chemistry and biology concepts he is creating tools for isolating the likeliest culprits, and testing approaches towards minimizing their impacts in the environment. "You can't eliminate risk, but you can manage and minimize it," Servos says.

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Alex and Juliana Hesch dropped by the GRCA with a \$150 donation for the Grand River Conservation Foundation. Alex (left) decided to donate the money from her eighth birthday to the foundation. Her party was at Laurel Creek Conservation Area.



THE GRAND CALENDAR

Guelph Rotary Forest Earth Day, Saturday April 20, 9 a.m. to 2 p.m., across from Guelph Lake Nature Centre.

Residents of Guelph and area are planting a 40-acre forest at the Guelph Lake Conservation Area. Although the focus of the events is planting trees, there are many activities including music and vendor tents. A limited number of shovels will be provided so planters are encouraged to bring their own. Groups are encouraged to participate. Challenge your co-workers, your neighbours, your class and your family. A shuttle bus is available from downtown.

New Forest in the City Tree Planting, Sunday April 21, 10 a.m. to 2 p.m., Brantford.

Brantford Parks and Recreation with support from the Brant Tree Coalition is holding this event to encourage people to get out and plant trees. Planting will be at Bury Court, southwest of Highway 403 and Garden Avenue. For more information, contact Brantford Parks and Recreation at 519-756-1500 ext. 5509.

Grand River parks open Wednesday, May 1

This is the day to begin a new season of camping, swimming, canoeing, fishing and hiking at GRCA parks. The parks are open May 1 to Oct. 14 allowing for 167 days of outdoor activities in the finest natural areas within the Grand River watershed. Park passes are available at the gatehouse of each of the parks or online. Campsites can be booked online at www.grcacamping.ca. Make this your year to get outside and enjoy nature at GRCA Parks.

Waterloo Earth Day, Laurel Creek Conservation Area, Saturday, May 4, 10 a.m. to 2 p.m.

Waterloo Earth Day is a free fun-filled day of family activities with an environmental theme. Activities include exploring the urban forest with tree planting, bird house building, animals, games and cool stuff to touch. For more information, contact the

GRCA at 519-621-2763 ext. 2268 or the City of Waterloo at 519-747-8643, or visit www.waterloo.ca/EarthDay.

Shimano Take a Kid Fishing Day, Saturday, May 4, Belwood Lake Conservation Area, 8:30 a.m. to 4 p.m.

The Shimano Take a Kid Fishing Day will be held at the Belwood Lake Conservation Area just east of Fergus. This event is designed for children ages 8-14 and their parents. Kids will learn how to cast, rig lures, tie flies, identify various fish species and their habitats and learn how to find and catch more fish. They will also get to see the latest fishing equipment and tackle in a safe, natural environment. There are two sessions per day running from 8:30 a.m. to 12 p.m. and again from 12:30 p.m. to 4 p.m. The event is FREE for registered participants but park entry fees apply (\$2.75 children & \$5.50 adults). The event is limited to 120 kids per four hour session, so register early.

Upper Grand Trailway Tree Plant, Saturday May 4, 10 a.m. to 1 p.m.

Bring your family to plant trees along the Upper Grand Trailway. Meet at the Trailway Parking lot. Lunch to be provided by the Grand Valley Lions Club. Contact Kim Davison 519-928-2973 or Vada McCrone 519-928-2841 for more information.

Best Dam Golf Tournament, Monday, May 13, Galt Country Club, Cambridge.

This tournament is being sponsored by



By Dan Schneider

Feeding chickadees at Guelph Lake Nature Centre.

the Ontario Stone, Sand and Gravel Association (OSSGA) and is an event in the Best Dam Partnership series. Funds from this series will go towards a hydro power generator at Parkhill Dam to provide a source income for conservation projects. A \$500,000 goal has been set by the group and nearly half of that has been raised to date. The ticket price of \$1,000 per foursome or \$250 each includes dinner, lunch, reception, golf, great prizes and a charitable receipt for a portion of the cost. To reserve tickets register online at www.grcf.ca, call Doina Hartley at 519-621-2763 ext. 2372 or 1-877-29-GRAND (877-294-7263) or email dhartley@grandriver.ca.

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.

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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

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