



Internal Waves

Internal waves are gravity waves that oscillate within, rather than on the surface of, a fluid medium.

Donate for a Tay River Pathway Interpretive Panel

The FoTW have launched a drive to raise funds for a new interpretive panel as a contribution to the recently extended Tay River Pathway. This 1.5 km (return) trail is a wheelchair accessible loop that begins behind Lanark Lodge and the Perth Community Care Centre and meanders past the Round Garden for the Blind.



Viewing Deck by the Tay

The Lanark Lodge Council of Family and Friends in coordination with the Trails Corporation have now completed an extension to the Pathway to the Tay, culminating in an accessible viewing deck overlooking the Tay River.

The focus of this interpretive panel will be to educate the viewer as to the dimension and complexity of the Tay River Watershed, the flora and fauna which make their home in it, its historic use as a reservoir for the Heritage Tay and Rideau Canals and its environmental and socio-economic value to those

who live within its boundary. Adding such a panel at the river's edge will provide a point of interest, a place to pause and reflect on the wonders of nature and give a further educational element to the pathway.

The estimate for the cost of design, fabrication and installation of the panel is \$3,400.00. Applications for support funding are being submitted to various sources. Fund raising projects such as another quilt lottery are being considered.



Example Panel

But most importantly, the FoTW Directors are confident that the members of the Association will want to make a donation to this worthwhile project. This can be easily done. Just [CLICK HERE](#) to make your contribution through our Canada Helps link. Choose the "Donate to Pathway Panel" option.

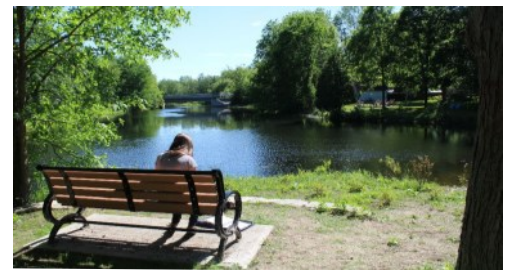
Tay View Bench Dedicated

Members of our Association and the Lanark Quilters Guild met with Jim Graff of the Perth Town Council on a fine day in mid June to dedicate the new Tay View Bench. The meeting was the culmination of a two-year joint project contributing to the 200th Anniversary of the Perth Military Settlement. The Quilters donated a beautiful maple leaf quilt to the Friends. The Friends raffled it off and, with the funds raised, paid for a viewing site was chosen and the Town contributed a concrete pad to mount the bench and landscaped the site with plantings of native



Thanks from Council

shrubs. Councilor Jim Graff expressed the thanks of Council and the Town for this donation and looked forward to the many years of enjoyment the bench will bring to our fellow citizens.



Beautiful view from our bench

The bench bears a plaque of dedication reading:

*Bench donated by
Friends of the Tay Watershed and
the Lanark County Quilters Guild
to mark the 200th Anniversary in 2016
of the Perth Military Settlement*

All photos this page: Friends of the Tay Watershed

Environmental Awards for 2015

The Annual General Meeting earlier this year was the occasion to present the Environmental Awards for 2015. The awards recognise environmental achievements and support activities in three categories.

The ‘Contribution to the General Environment’ Award went to Susan Brandum in recognition of her long dedication to work in this category. Susan is currently Executive Director of



Susan Brandum receives General Environment Award 2015 from Judy Buehler

presented to Lake Links for activities specific to this watershed’s water resources. Lake Links is a coalition of community organisations with a common interest in the preservation of area water bodies through an annual conference and information exchange. The award was accepted on behalf of the coalition by Barb King of Watersheds Canada and Mike Yee of Rideau Valley Conservation Authority.

REAL Deal and Manager of Environmental Projects. She has worn many hats with the Rideau Environmental Action League over the years as well as spearheading many conservation projects in the Tay Valley and Rideau Lakes areas.

The ‘Contribution to the Tay Watershed’ Award was

In the category, ‘Contribution to Water Resources at the Provincial, National or International Level’, to a person or organization whose activities have an impact on water resources on a wider geographic basis, the recipient was Watersheds Canada, accepted by Barb King, Executive Director.



Judy Buehler thanks Barb King and Watersheds Canada

Watersheds Canada has been developing and piloting programs to improve fish habitat, encourage shoreline naturalization and, this year, bringing programs to, and working closely with, groups in Saskatchewan and Manitoba.

(Submitted by Judy Buehler)
(Photos: David Zimmerly)



Mike Yee and Barbara King received the Contribution to the Tay Watershed Award on behalf of Lake Links

Watershed Discovery Day 2016

On 6 August, another successful Watershed Discovery Day took place at Perth’s Crystal Palace. This was the 16th year for this event and the 5th year in association with the Perth Farmers’ Market. According to comments from participants and attendees, the event was successful, in terms of both interest shown and attendance.



Watersheds Canada Information

included an educational ‘Fish Pond’, the

presentation, water and environment book table and draw, and a Library Story Corner.

To recognise this area’s 200th Anniversary, which is being celebrated throughout 2016, displays were also presented on the watershed’s history.

Support for the event was provided by the TD Friends of the Environment Foundation, Perth Farmers’ Market, Lake 88 Radio Station and the area Source Water Protection Program.



Entertainment by the Paddling Puppeteer

(Photos: Friends of the Tay Watershed)

Watershed Guardian Bursaries Awarded

One of the highlights of this year's Watershed Discovery Day was the presentation of the 2016 Watershed Guardian Bursary.



**L to R: Carol Dillon, Will Clow,
Emily Barr, Frank Roy**

Photo: FoTW

In the past, the Watershed Guardian Project has been open to graduating students from a Tay Watershed high school who plan to enroll in a Canadian university or college in a full-time, post-secondary degree or diploma program in Environmental Science or a related discipline.

Following some discussion by our Board, it was decided to extend the access to Tay Watershed students who are already enrolled in such a program.

The award has also been named a Bursary rather than a Scholarship. It is intended to help the student financially in recognition of their passion and dedication for water and the

environment and not primarily on academic standing.

This year was unprecedented in that two bursaries were awarded.

One went to Will Clow of Tichborne, who graduated from Granite Ridge Education Centre in Sharbot Lake. Will has enrolled in the Fish and Wildlife Technology Program at Fleming College in Peterborough. His aim is to have a career that will preserve what we have now and expand the availability of fresh water, fish and wildlife for future generations to enjoy.

The second award went to Emily Barr of Westport. Emily is a graduate of St. John Catholic High School in Perth and is currently a fourth-year BSc student of Environmental and Physical Geography at Nipissing University in North Bay. Her specific interests lie in sustainability and protection of resources, most particularly, water.

Each of the students received a Bursary Certificate and a cheque for \$1000. to assist with their studies. We wish them all success in their chosen fields of study.

This annual Watershed Guardian Bursary is made possible by the One Percent for the Environment Donation from the Little Stream Bakery of Glen Tay. The supplementary bursary this year was made possible through the generous donations to the Friends through our Canada Helps Donation button on our website and from members and supporters throughout the year.

Nominations for Annual Environmental Awards

Nominations are now open for our Association's 2017 Environmental Awards, and members are invited to submit your proposals. The annual awards are presented in three categories – "Contribution to the Tay Watershed", "Contribution to Water Resources at the Provincial, National or International Levels",

and "Contribution to the General Environment". Nominations should be sent to our Secretary, Carol Dillon ([mcdillon@storm.ca](mailto:mc Dillon@storm.ca)) or by mail to Friends of the Tay Watershed Association, P.O. Box 2065, 57 Foster St, Perth, ON, K7H 3M9

Get Involved with the 'Friends'

You are cordially invited to join us in our many activities!

- Check out our website at tayriver.org to keep up with all the news
- Take out, or renew, your membership or make a donation to one of the projects
- Join us staffing a festival booth, or pursue a watershed study or project
- Provide photos for the website, especially water-related subjects. Please include a caption and location, and send your contribution to friends@tayriver.org. Photos will be attributed.

**Looking forward to meeting you
at our next event**

Help us add a Facebook

Plans are underway to re-build our Facebook site. If you are interested, and have developed one before, we would welcome hearing from you – no long-term commitment. Just send an e-mail to friends@tayriver.org

This is part of a move that will focus our website on provid-

ing watershed information and sources of other information. The new Facebook page will send you early watershed event notices, updates, and quick reports and photos on events and activities.

Welcome New Board Members

Our members will wish to welcome four new additions to our Board of Directors - Marion Letts, Bill Jamieson, David Kroetsch and Larry Bowen. An introduction and welcome to our newest Board members took place at the October 18 meeting of the Board. The FoTW By-Laws provide for the Board's designation of new Directors, which will be confirmed at the next meeting of members (normally, the AGM).

Marion Letts, a FoTW member since 2008, lives at Bricar-mar Ranch on Bolingbroke Road (the upper Tay River). Marion is also Treasurer of the Tay Valley Choir, has a background in accounting, teaching at the high school level, and brings the expertise of university accounting courses to our Board.

Bill Jamieson is retired from the Ontario Ministry of Economic Development and Trade (Senior Business Consultant) servicing primarily Eastern Ontario. He is a Past-Director and Chairperson of Valley Heartland Community Futures Development Corporation. Bill was born and raised in Almonte (Mississippi Mills) and now lives in Perth.

David Kroetsch has retired to Perth after 34 years with Agriculture Canada as a soil resource specialist and Soil Landscape

Science Specialist. His latter responsibilities included developing and applying Predictive Soil Mapping and validation techniques, and soil quality research. He has provided related education and regional soil workshops. His work with Envirothon (in Lanark County and Ottawa, and recently with the North American Envirothon in Peterborough) will be a welcome renewed connection for FoTW.

Larry Bowen has been nominated by the Christie Lake Association as a Director from their association. Larry is an active member of the CLA, and the lake association community generally, including the Lake Networking Group. The connection to the CLA is very appropriate, as one of the largest of our watershed lakes. The FoTW has not had a representative from there since Orion Clark (an early Director of FoTW Board) left several years ago. Its location as an integrated part of the Tay River system, and the ongoing water level unpredictability and upcoming infrastructure changes, make it a logical candidate for cooperation.

Welcome to the Board.

Keeping Up with the Dam Business

Two of the most important dams in the Tay watershed are being re-built or taken out. The Haggart Dam, in Perth, will be replaced with the innovative rocky ramp, as was done for the Little Tay Dam last year. The dam at Bobs Lake, far upstream at Bolingbroke, will be replaced with a new dam. The Friends have been actively engaged with both. Here's an update:

Funding support under the Recreational Fisheries Conservation Partnership Program (RFCPP) of Fisheries and Oceans Canada, has been approved for the Tay River-Haggart Island Rocky Ramp Project. The Friends of the Tay Watershed are the lead applicants in partnership with the RVCA and the Town of Perth. The RFCPP grant will extend over 2016 to 2018 and co-

vers 34.3% of the project budget. The balance will be taken up by the RVCA and Perth. Design work is well underway at this point and the major work will proceed in 2017 with monitoring and fine tuning in 2018.

Meanwhile, on the Tay River at Bolingbroke, design work is underway for the completely new dam at Bobs Lake, which will be built 40 metres upstream from the present location. Construction is expected to begin next summer, after July. Community engagement presentations are planned for the Spring and Summer of 2017. Details on this project may be seen at: <http://www.pc.gc.ca/eng/lhn-nhs/on/rideau/visit/infrastructure/tay/barrage-lac-bobs-lake-dam.aspx>



Bolingbroke Dam up for Replacement

Photo: Parks Canada

Lanark County Award of Excellence

Two long time FoTW members were honoured at the regular Lanark County council meeting Nov. 9 as part of the 2016 Awards of Excellence for their outstanding contributions to the county.

Colin Stephenson was nominated by Gordon and Ann Munroe. "Not only does he contribute extensively to Lanark County, he provides wise counsel and supports his colleagues with grace and humility," they said.



Lanark County Warden Gail Code presents Award to Colin Stephenson

David Taylor was nominated by Tay Valley Township Planner Noelle Reeve on behalf of Tay Valley Township Council. "It gives me great pleasure to nominate David Taylor... for his dedication to community and his vision in working on projects cooperatively with multiple munici-



Lanark County Warden Gail Code presents Award to David Taylor

palities to benefit the economy (through heritage tourism), the environment (through watershed protection) and community (through inspiring volunteers)," she said.

Both nominees received letters of endorsement from supporting community organizations and individuals

See the full report at:

<http://www.insideottawavalley.com/news-story/6957825-lanark-county-s-warden-presents-2016-awards-of-excellence/>

Congratulations, David and Colin!

(Thanks to insideottawavalley.com)

Is Yours a Legacy Cottage?

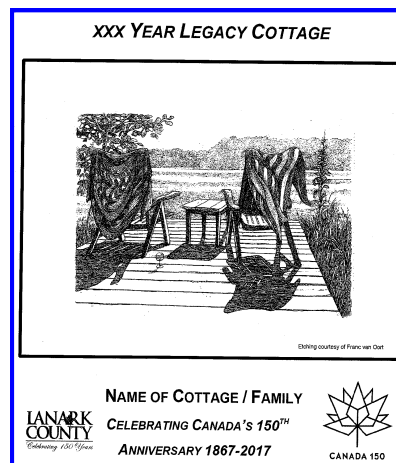
Lanark County wishes to honour those families whose cottage has been in the family for 50, 75, 100, or 125 years by designating their cottage a *Legacy Cottage*.

Designation Criteria

- Direct descendant of the same family should have owned the cottage for 50, 75, 100 or 125 consecutive years.
- A family member should still own the cottage property.
- Cottages that have been rebuilt or converted into permanent homes are eligible.
- The cottage can be on a lake, river or creek in Lanark County.

Legacy Cottage Plaque

- The Legacy Cottage plaque features an etching courtesy of Tay Valley artist, Franc van Oort.



- The plaque measures 8.5 x 11 inches and is suitable to hang in your cottage year-round.

A "Legacy Cottage" designation is commemorative only – no legal or building restrictions are involved.

Recipients will be asked to pay \$50 to cover the cost of their plaque. Each plaque will be personalized with the family name or cottage name as requested by each family. Each municipality will include a short insert drawing attention to the Legacy Cottage Program with its January tax statements. Information on the Legacy Cottage Program will be available at municipal offices by January 2017. Tay Valley Township is administering the program on behalf of the eight municipalities of Lanark County.

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Other Items of Interest

Increasing Drought Conditions in the Watershed
Rideau Valley Conservation Authority did a good job this summer at keeping us informed of the drought conditions in the watershed. Full information is posted on our website under 'News Headlines' at <http://tayriver.org/new.php#drought16-4> As of October 5, in spite of fall rain, the drought status in the Rideau River watershed remains at "Severe" because sustained flows in the streams and rivers have not been restored.

Heritage Day

Thanks to Carol Dillon who donated a Saturday from her busy life to provide a children's display at the Settlers Heritage Day and Lanark County Plowing Match on 20 August.

Climate Change Survey

The Friends of the Tay recently completed a survey from the Town of Perth on the Local Climate Change Action Plan Project (LCCAP). The input from FoTW, and many others, will ultimately allow the Task Force to develop potential plans to reduce Perth's carbon footprint.

Ottawa Watershed Study

The Association also participated in a study last fall about the Ottawa River watershed. titled *A New Data Model for the Integrated and Inter-provincial Water Resource Management of the Ottawa River*". Carol Dillon volunteered to do the interview with the researcher who also had a three-question questionnaire about our contacts, links, and partners etc.

The Back Page

Mark Your Calendar – for our 2017 Events Dates

We have already set some of our event dates for 2017 – please make a note to come and join the fun:

March 21 Annual General Meeting

July 14-16 Stewart Park Festival Display Booth

August 19 Watershed Discovery Day, Perth Crystal Palace

October 21 Lake Links Display

And Board meetings on January 17, May 9, July 4, August 8, and October 17.

BOARD OF DIRECTORS

Executive Members

President	David Taylor	Secretary	Carol Dillon
Vice President	Frank Roy	Treasurer	Marion Letts
Exec Member	Judy Buehler		

Directors

Taro Alps	GB&CLA, Upper watershed	Judy Buehler	Perth	Jim Graff	Perth Council Rep.
Larry Bowen	Christie Lake Ass'n	Robert Cosh	Otty Lake Association	Bill Jamieson	Perth
		Annie Dalton	Tay River, Scotch Line	David Kroetsch	Perth

ADVISORY PANEL

Susan Brandum	REAL; Past Board Member	Derek Matheson	R.V.C.A.
David Crowley	Past Board Member	Richard Schooley	Tay Valley Township; Area business community
Karen Hunt	Otty Lake Association; Past Board Member	Alyson Symon	M.V.C.A.
Doug James	Perth; Past Board Member	Colin Stephenson	Past President
Barb King	Watersheds Canada	Darryl Whitehead	Parks Canada, Ontario Waterways Unit

Webmaster Colin Stephenson

SUSTAINING MEMBERS

Little Stream Bakery of Glen Tay
Store—N—Lock, Perth
The Factory, Perth
Maximilian Dining Lounge, Perth

For ongoing information on our activities and the watershed, remember to check our website at www.tayriver.org