



Internal Waves

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

Paddle the Tay

On Saturday, September 16th, 37 paddlers, in 24 canoes and kayaks, participated in the Friends' Canada 150 event, 'Paddle

commentary by biologist Shaun Thompson and Rideau Canal expert Ken Watson, the convoy picked up 4 1/2 kgs of garbage, for the association's participation in International Coastal Clean-up Day. Thanks to organisers David and Sheila Kroetsch, Judy Buehler, Frank Roy and David Taylor



The adventure begins



Locking down at Beveridge

the Tay', from Perth's Last Duel Park to Beveridge Locks on Lower Rideau Lake. In addition to enjoying a guided tour, with

For full report and more pictures go to www.taywatershed.ca/documents/Tay-paddle-report.htm

Tay Pathway

On Wednesday, September 6th, our Association representatives participated in the inauguration of the Tay River Pathway extension, located on Lanark County property behind Perth Community Care and Lanark Lodge on Christie Lake Road. Included in the ceremony was the launch of the watershed interpretive panel, organised by our Association, at the viewpoint deck overlooking the Tay River.

The interpretive panel introduces the public to the river and the watershed, their wildlife, and the measures in place to care for them. The panel was developed with the support of the Perth & District Community Foundation, RVCA's Rural Clean Water Program, and individual donors, and designed by Annie Dalton.

The organisers of the Pathway, the donors and the Lanark County Trail Corporation are to be congratulated for this valuable addition to our community.



Pictured beside the panel, are Association Directors and Advisory Panel Members, from the left, Larry Bowen, Jim Graff, Annie Dalton, David Taylor, Derek Matheson (Manager, RVCA Rural Clean Water Program), Frank Roy, and Judy Buehler.

For full report and more pictures go to www.taywatershed.ca/documents/Tay-panel.htm

Busy Summer

WDD

Thanks are due to the RVCA's Rural Clean Water Program, Maximilian's Restaurant, TD Financial Trust, and the Farmers' Market for their financial and other support of Watershed Discovery Day.

This year's August 19th event at the Crystal Palace, again featured experts ready to answer the community's questions on the state of our area's water resources as well as informative

displays by Rideau Valley Conservation Authority, Watersheds Canada, Rideau Environmental Action League, Town of Perth, Lanark Stewardship Council, and our Association.

The Perth Union Library's children hour, and our 'Fish Pond' and children's book table delivered entertainment, mixed with environment, for the community's future generations. In particular, the Association's interactive Wetlands display attracted considerable attention to a little-known critical element of our environment.

The Bursary



Karen Hunt talks about invasive species at the Fish Pond



Mr. & Mrs. Nadeau, son Nick and Bursary Presenter, David Taylor

At the event, our Water Guardian Bursary for 2017 was presented to Nick Nadeau of Smiths Falls District Collegiate Institute. Thanks are due to the bursary's sponsor, Little Stream Bakery,

More pictures available at www.taywatershed.ca/documents/WDD17.htm

Stewart Park Festival

This year's Stewart Park Festival, in Perth from July 14 to 17, was, once again, an excellent event for the 'Friends'. This marks the eighth year that our association had a booth at the Festival, and it has become something of a tradition, as many people drop by for an update on the watershed. The popularity of the Festival - and, along with it our booth - continues to grow, providing a welcome opportunity to meet both old and new friends - local and from away. This year our area's spring flood was a common subject. Our T-shirts were a big hit, as were membership renewals and sales. A draw for gift certificates from Maximilian's Restaurant was kept open online until August 19, which helped boost these sales.



Lots to discuss at SPF

Kidfish 2017

Kidfish is held annually on the Saturday before Father's Day and provides a "catch and release" fun morning for young fishers at the Basin in downtown Perth. The popularity of this free event is shown by the many families who come to participate or just watch. There is lots of help, free worms, wonderful prizes and a free lunch for the young fishers. This year -- June 17th -- was a pleasant morning with the rain holding off until the closing just after noon. The 'Friends' participate with a booth that highlights the Tay Watershed and helps celebrate the wonderful waterway called the Tay and all it has to offer. Water-based games are provided for younger children, information about water and fish for the fishers and chairs for tired Moms and Pops. The Friends are pleased to participate in this great event. Check out more photos at

<http://www.taywatershed.ca/documents/kidfish2017.htm>

Report by Carol Dillon



Fun and learning at Kidfish 2017

Canada 150 Four Winds Canoe Brigade Passes Through Beveridge Locks and Perth

On June 26, 14 Voyageur Canoes, with 130 paddlers, arrived at Beveridge Locks, and Perth, enroute to a rendezvous in Ottawa on Canada Day of the 'Four Winds Brigade'. This Rideau contingent, the 'South Wind Brigade', launched at Kingston on June 24, for the eight day paddle over the 202 km Rideau Canal. At Victoria Island, they met the other three brigades - coming down the Gatineau, and from both directions on the Ottawa River - for an historic Canada 150th event. The Brigade passed through the Beveridge Locks, where they were welcomed by the Drummond/North Elmsley's Reeve and Deputy Reeve. They then paddled up the Tay Canal to an evening reception at the Crystal Palace and an overnight stop at Last Duel Park.

Look at more pictures of this event at <http://www.taywatershed.ca/documents/can150.htm>



Brigade arrives at the Basin in Perth

(Photo by David Zimmerly)

Spring Flood 2017



View from Bath House at swimming area looking east on stone bridge

On April 7th the gauging station on the Tay at Perth reported a Daily Mean Level of 133.699 m and a Daily Mean Flow of 60.938 cms. Numbers of this order represent a 10—year flood. At this water level, flooding in Stewart Park results from the flooding of Buck Creek through the park as the level in the main channel is so high that the water coming down Buck Creek has no where to go. The water level in the main channel is almost as high as that in the Cavers Reach of the Little Tay.

Haggart Dam Replacement

At this writing, work proceeds on the replacement of the Haggart Dam in Perth with a rocky ramp. A temporary rock coffer dam has been placed across the main channel of the Tay, diverting the flow entirely to the Little Tay. Fish and other creatures trapped in the work site were rescued and released upstream and downstream prior to pumping out the site. As the photograph shows, the work site has been dried out and a temporary working road put in place. Some vegetation sites on the south side of the river will be moved to the north side and the channel bottom contoured to strengthen flow on the south side. Finally the dam will be replaced with a rock berm and the rocky ramp, giving a new attraction for wild water canoers.



The dry Haggart Dam

Rideau Canal Corridor Awards

In celebration of the 10th anniversary of the Rideau Canal's inscription as a UNESCO World Heritage Site, and in honour of Canada's 150th birthday, the Rideau Corridor Landscape Strategy announced the Rideau Corridor Recognition Awards program for 2017.

The goal of the awards program is to recognize, honour and promote good design, environmental stewardship and economic development, through public and youth engagement that serves to protect, enhance, promote and celebrate the heritage value and sustainability of the

Rideau Canal corridor.

On behalf of the Friends of the Tay Watershed Ass'n, David Taylor nominated the Perth Wildlife Reserve of the RVCA because its contribution to the Corridor is unique, by virtue of location on a particularly sensitive sector, its Lock Five heritage, and wildlife focus.

The awards ceremony was held on October 6 at the Station Theatre in Smiths Falls, and we are pleased to report that the RVCA received an Award of Excellence in the Environmental Stewardship category.



Junior Rangers help in Butterfly Garden



Dock in Historic Lock 5

Maximilian—Cogeco TV show

The Friends of the Tay Watershed has been invited to be a guest of Maximilian's Restaurant on an upcoming cooking show on Cogeco TV.

The title or theme of the series will be "Good Food, Good Works" and each episode will relate the preparation of a food dish to an active association in the Perth Community.



The Friends' episode of the show will be shot in Maximilian's kitchen. Carol Dillon will be interviewed about the Tay Watershed and the Friends' program and activities in the intervals of food preparation for fine dining.

Other episodes in the series have been offered to the Perth Historical Society and the Studio Theatre.

Help Wanted

Lanark Stewardship Council Tree Planting

The Friends of the Tay Watershed have been asked for help by the Lanark Stewardship Council.

"We are going to be planting some hardwood trees in November as part of the grant we received from MNRF to create corridors between Natural Heritage Features such as wetlands. The planting will take place on 2 adjacent properties near Fallbrook.

The Kemptville tree nursery recommended we plant the

hardwoods in November when they are dormant and will have a higher survival rate.

Currently we are planning to do the planting on November 23 and wondered if any of your members could provide some help even just a few hours would be appreciated."

Tree planting is a great way to get out and enjoy the day! To register send your name and contact to

info@lanarkstewardshipcouncil.ca

A Great Opportunity

Applications would be welcome from members to join the 2018 Board of Directors for the Friends of the Tay Watershed Association. Directors must be 18 years or older and members in good standing with the Association.

The Directors meet at least five times a year to plan and manage Association programs and projects such as Watershed Discovery Day, partnering with other organizations on water-

shed matters, and promoting awareness of the watershed at community activities like the Stewart Park Festival. Currently, these meetings take place on a Wednesday afternoon at 3 PM and generally take about two hours

This is a great opportunity to help protect and preserve our watershed. **Give a call to David Taylor at 613 264 0094**

Recruiting for 2018

Get Involved with the 'Friends'

The Board has plans for a few new initiatives for 2018 and would appreciate meeting or hearing from volunteers who are interested in giving a hand.

Someone who could welcome new members, take over the management of our membership and mailing list and communicate with members would be a great help.

Another skill to be recruited is a Public Relations person who could promote the interests of the watershed.

The challenge is to bring more public attention to the watershed. One idea would be by writing a monthly series of newspaper articles on various aspects of the watershed, the water cycle, sustainable water management and so on.

Another would be arranging public events such as Watershed Discovery Day or a public information evening, for example with the launch of the upcoming Tay Watershed Report now being prepared by RVCA.

There are lots of other ways to participate, such as:

- Check out our website at www.taywatershed.ca 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@taywatershed.ca Photos will be attributed.

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

Did You Know ???

This past year, our association benefitted from cooperation with:

- Christie Lake Association,
- Drummond/North Elmsley Township,
- Eagle Lake Property Owners Association,
- Farren Lake Association,
- Greater Bobs & Crow Lakes Association,
- Lake Networking Group,
- Lanark County Stewardship Council,
- Lanark County Trails Corporation,
- MVCA,
- Otty Lake Association,
- Parks Canada,
- Perth Community Foundation,
- Perth Farmers Market,
- Perth & District Union Library,
- REAL,
- Rideau Roundtable,
- RVCA,
- Tay Valley Township,
- Town of Perth,
- Watersheds Canada,

in addition to our valued sustaining members.

The Back Page

Mark Your Calendar – for our 2018 Event Dates

We have already set some of our event dates for 2018 – please make a note to come and join the fun:

February (TBD)	OMYA Public Meeting and Water taking report
March 21	Annual General Meeting
July 13—15	Stewart Park Festival Display Booth
August 18	Watershed Discovery Day, Perth Crystal Palace
October 20	Lake Links Display

And Board meetings on March 7, June 13, August 8, and November 7

BOARD OF DIRECTORS

Executive Members

President	David Taylor	Vice President	Carol Dillon
Secretary	Judy Buehler	Treasurer	Marion Letts

Directors

Taro Alps	Bob & Crow Lake Ass'n	Larry Bowen	Christie Lake Ass'n
Robert Cosh	Otty Lake Ass'n	Annie Dalton	Tay River, Scotch Line
Jim Graff	Perth Council Rep.	David Kroetsch	Perth
Forbes Symon	Perth, Director Development & Protective Services		

ADVISORY PANEL

Susan Brandum	REAL, Past Board Member	David Crowley	Perth, Past Board Member
Karen Hunt	Otty Lake Ass'n, Past Board Member	Doug James	Perth, Past Board Member
Barb King	Watersheds Canada	Derek Matheson	R.V.C.A.
Dale MacEachern	Parks Canada, Smiths Falls	Frank Roy	Perth, Past Board Member
Richard Schooley	Tay Valley Township, Area business community	Colin Stephenson	Past President
Alyson Symon	M.V.C.A.	Darryl Whitehead	Parks Canada, Peterborough

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.taywatershed.ca