



Working to protect your community and environment

Newsletter April 12, 2017

Water Matters!

There is no question that the work CRC is doing to stop the Hidden Quarry is crucial to the protection of our water! The past few months have been very exciting for CRC – New scientific evidence is bolstering our case while teaching us more about the natural systems which are working beneath our feet to provide our cold, clean drinking water and play countless roles in maintaining the local eco-system.



Brydson Creek beautiful and vital

Mark Your Calendars! See page 2 for these amazing water events:
WATERMARK, the film
Maude Barlow, Water Piracy
Waterstock!

Key to this new research is **Distinguished Professor Emeritus Emil Frind** of the University of Waterloo. Professor Frind pioneered the field of quantitative groundwater science and over his career he has been a leader in the development of modelling methodologies for groundwater processes. He has been recognized as a Thomson-Reuters Highly Cited Researcher and honoured with a Life Member Award from the US National Ground Water Association. His recent work has focused on source water protection and water sustainability, both vital issues as water resources become stressed due to growth, pollution, and climate change.



Professor Frind joins our other water consultants Garry Hunter and Hugh Whitely in making the compelling argument, based on advanced water modelling analysis, that:

- The ground water modelling done by JDCL is incomplete:
 - inadequate number of monitoring wells;
 - karstic or highly fractured rock not taken into consideration;
 - overburden (10 metres plus of soils and gravels above bedrock) not considered;
 - flow system not compatible with flow system in Well Head Protection models;
 - no assessment of potential impacts on Rockwood municipal wells #3 and #4.
- This more comprehensive analysis shows that the Hidden Quarry interference would have a significant negative impact on our groundwater:
 - The real possibility that Rockwood's new Well #4 on Milne Place would be subject to surface water contamination – what is known as GUDI or Groundwater Under Direct Influence;
 - Private wells would also be at risk for the same reason;
 - Contamination during the operations would flow through the fractured rock;
 - Contamination from existing nitrate rich site surface would access groundwater;
 - Contamination from wildlife and other surface run-off would access groundwater;
 - Brydson Creek and the fish habitat would also be subject to increased contamination.

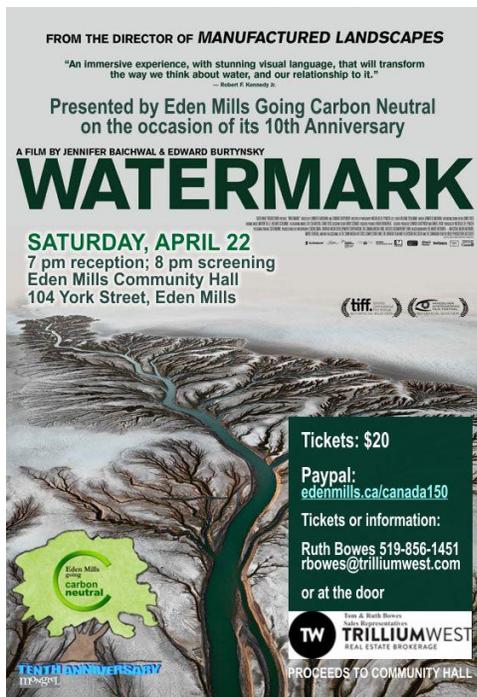
Our Moraine: We know that the HQ site is in the Paris Galt Moraine, a key water recharge area for southern Ontario. It is clear that the CRC is not only working to protect our local environment. CRC is part of a larger movement of many citizen organizations working to protect Ontario's, and the world's, fresh water supplies, and to bring water issues to the attention of people, politicians and press.

Water hit the headlines this year with **Wellington Water Watchers** drawing attention to the water bottling industry's exploitation of our water resources. The province is now paying attention. Wellington Water Watchers has supported CRC from our earliest days, and will be a participant when we return to the OMB. They are our first and crucial partner. Aggregate mining is one of the top 'takers' of water. CRC will add this fact and its impacts on water to the larger conversation.

MARK YOUR CALENDARS!

Because water matters, here are three major events taking place soon, all linked to CRC.

Saturday, April 22 – WATERMARK, Feature Documentary



Presented by **Eden Mills Going Carbon Neutral**

7 pm – reception; 8 pm screening

Tickets \$20 (Students \$10) at the door or Paypal

www.edenmills.ca/Canada150

Eden Mills Community Hall, 104 York Street

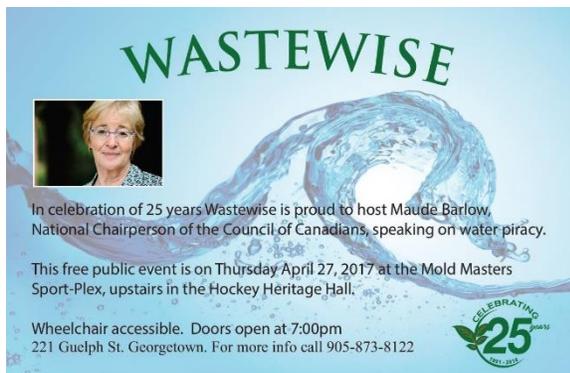
Media release attached.

DON'T MISS IT!

Eden Mills is part of the CRC Community. It is in Eden Mills that the Blue Springs Creek joins the Eramosa River. In celebration of Earth Day, they are screening this “beautifully moving look at how an element of water connects us all” as part of their 10th anniversary celebrations. **WATERMARK** is created by multiple-award winning Canadian artists: filmmakers **Jennifer Baichwal** and **Nick de Pencier**, and renowned photographer **Edward Burtynsky**. Shot in stunning 5K ultra high-definition video and full of soaring aerial perspectives, this film shows water as a terraforming element, as well as the magnitude of our need and use. In **WATERMARK**, the viewer is immersed in a magnificent force of nature that we all too often take for granted - until it's

gone.

Thursday, April 27 – MAUDE BARLOW, Council of Canadians



Presented by **Wastewise**

Doors open at 7 pm

Mold Masters Sport-Plex

221 Guelph St. Georgetown

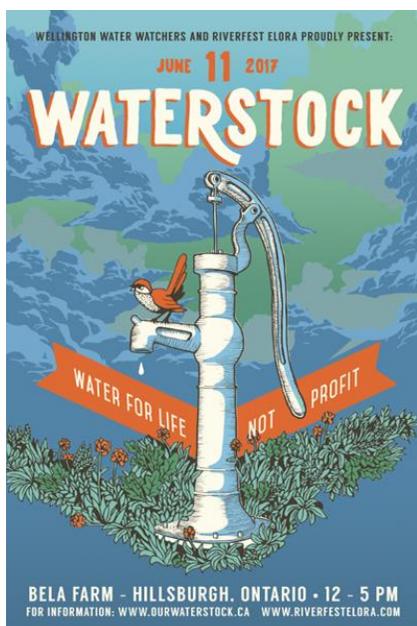
Admission Free

A SPECIAL OPPORTUNITY!

Wastewise is a vibrant community organization known throughout the region for its busy Georgetown store featuring recycled and re-usable items. For the

past three years Wastewise has generously made an annual donation to CRC, recognizing our shared concern for a sustainable planet. In celebration of its 25th anniversary, Wastewise has invited **Maude Barlow, National Chairperson of Council of Canadians**, to speak. Her subject is “water piracy.” Maude Barlow is a political activist, author, policy critic and outspoken crusader for Canada and a long-time defender of Canada’s water.

Sunday, June 11 – WATERSTOCK



Presented by **Wellington Water Watchers & Riverfest Elora**

Sunday, June 11

Noon to 5 pm

Bela Farm, Hillsburgh

<http://www.ourwaterstock.ca>

PLAN TO ATTEND THIS ONCE-IN-A-LIFETIME EVENT!

CRC will have an exciting booth at Waterstock, a huge, once-in-a-lifetime festival honouring water organized by **Wellington Water Watchers** and **Riverfest Elora** who oppose water-for-profit. Through the tireless efforts of these local, grass-roots organizations, Nestlé’s wasteful practice of water bottling water in plastic bottles at laughable permit fees has caught the attention of the provincial government and of national and international media – significant steps in making water protection a priority in our society. **WATCH FOR DETAILS!**