



# Save the Date!

## Thursday, July 24, 2014

### Rural Stormwater Management Model Project

# Technical Workshop

You are invited to a **technical workshop**, to be held on **Thursday, July 24, 2014**, about the Rural Stormwater Management Model (RSWMM).

**Where:** Trinity Christian Reformed Church,  
245 Mill Road, Goderich, Ontario, Canada

**When:** Thursday, July 24, 2014

**Registration:** 8:30 a.m.

**Morning:** *(Includes background: public welcome):*  
9:00 a.m. – 12 noon

**Optional Light Lunch\*:** 12 noon  
*(\*Approx. \$15; Must be ordered in advance)*

**Afternoon:** 12:45 p.m. – 2:45 p.m.  
*(Afternoon to feature more technical discussion on the model)*

**Who might attend?** Anyone can attend and local landowners and residents are welcome. The day may be of particular interest to drainage engineers and contractors; engineering consultants; researchers; stewardship professionals; farmers and other rural landowners; First Nations; municipalities; government ministries; local non-governmental organizations; public health; and interested citizens.

Please contact Alec Scott (**E-mail:** [ascott@abca.on.ca](mailto:ascott@abca.on.ca); **Telephone:** 519-235-2610 or toll-free 1-888-286-2610) for more details, or if you wish to be included for upcoming notices about this workshop.

You are also invited to subscribe to the Rural Stormwater Management Model newsletter at this link:

**<http://eepurl.com/ALRLD>**.

We invite you to attend the workshop in person or to take part via web and/or teleconference. Please RSVP to Alec Scott, in advance (by July 17, if possible), using the registration form (pending) on the rural stormwater project website: **<http://www.ruralstormwater.com>**

*\* There is no cost to attend the workshop other than lunch option*

## A new tool to protect and improve water quality in rural areas

- Stormwater management models are in common use for urban areas. Some urban models include certain features for rural landscapes. However, no current model exists with all the features needed to effectively understand and manage runoff during storm events in rural areas. Healthy Lake Huron: Clean Water, Clean Beaches is creating a Rural Stormwater Management Model (RSWMM) to address this need in a largely rural area, stretching along Lake Huron's southeast shoreline from Sarnia to Tobermory.
- The Rural Stormwater Management Model will build on the U.S. Environmental Protection Agency's Stormwater Management Model (SWMM) and the PCSWMM software which is a powerful support package for SWMM modeling.
- A new modelling tool can help to identify best management practices and projects that can work best to improve water quality, identify the project scale that works, and identify the locations where they can have the most benefit.
- The new model will combine urban modeling features with rural features such as agricultural best management practices; understanding of changes from season to season or even within a season (such as changes in crop cover); modeling of roads, ditches, and culverts; slope and terrain types; dynamic travel of water running over land; tracking of key pollutants (sediment, phosphorous and nitrogen); and other features.
- A new model can help to strategically invest limited stewardship funding in the areas where projects can have the most demonstrated benefits.
- Ausable Bayfield Conservation Authority (ABCA) is leading this water-quality project in partnership with Maitland Valley, St. Clair Region, Saugeen Valley, and Grey Sauble conservation authorities and other partners of the Healthy Lake Huron: Clean Water, Clean Beaches initiative. Project partners include federal and provincial ministries in Canada, county departments, public health, local conservation agencies, community groups, and participating landowners.



Rural Stormwater Management Model Project  
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