

Encouraging Kitchener-Waterloo Property Owners To

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REEP Green Solutions

June 8, 2013

*Water Symposium: Conserve & Protect
Rare Charitable Research Reserve, Cambridge*

**SOAK UP
RAIN
AND
SAVE**
reepgreen.ca/rain

- 💧 REEP Green Solutions
- 💧 What is the problem?
- 💧 RAIN program – how to be part of the stormwater solution
 - 💧 Stormwater credits
 - 💧 Services
 - 💧 Educational outreach
 - 💧 Stay connected!



About Us

*Working together for
healthier homes and
sustainable communities*


- Founded in 1999 by UW and the Elora Centre for Environmental Excellence
- Environmental non-profit organization working towards healthier homes and sustainable communities
- Member of





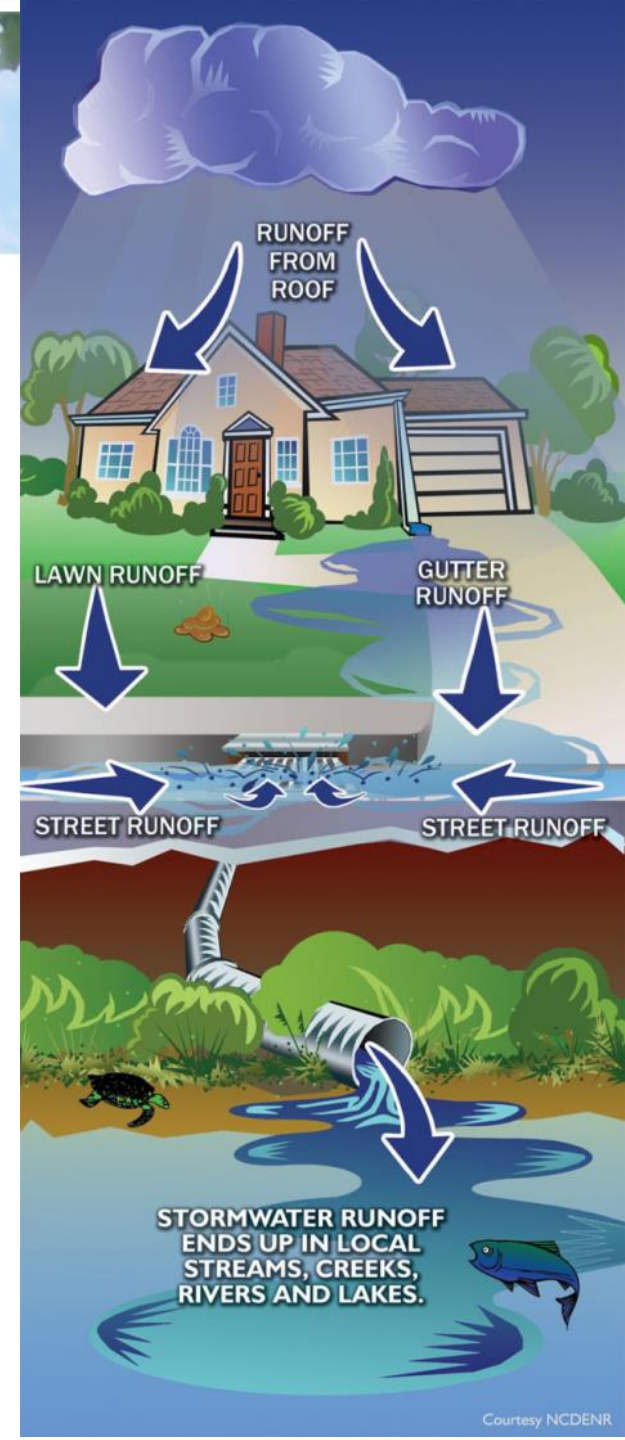
REEP's Programs

*Working together for
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sustainable communities*

- REEP House
- Home Assistance Program
- Home Energy Evaluations
- Draft-proofing
- Well Aware
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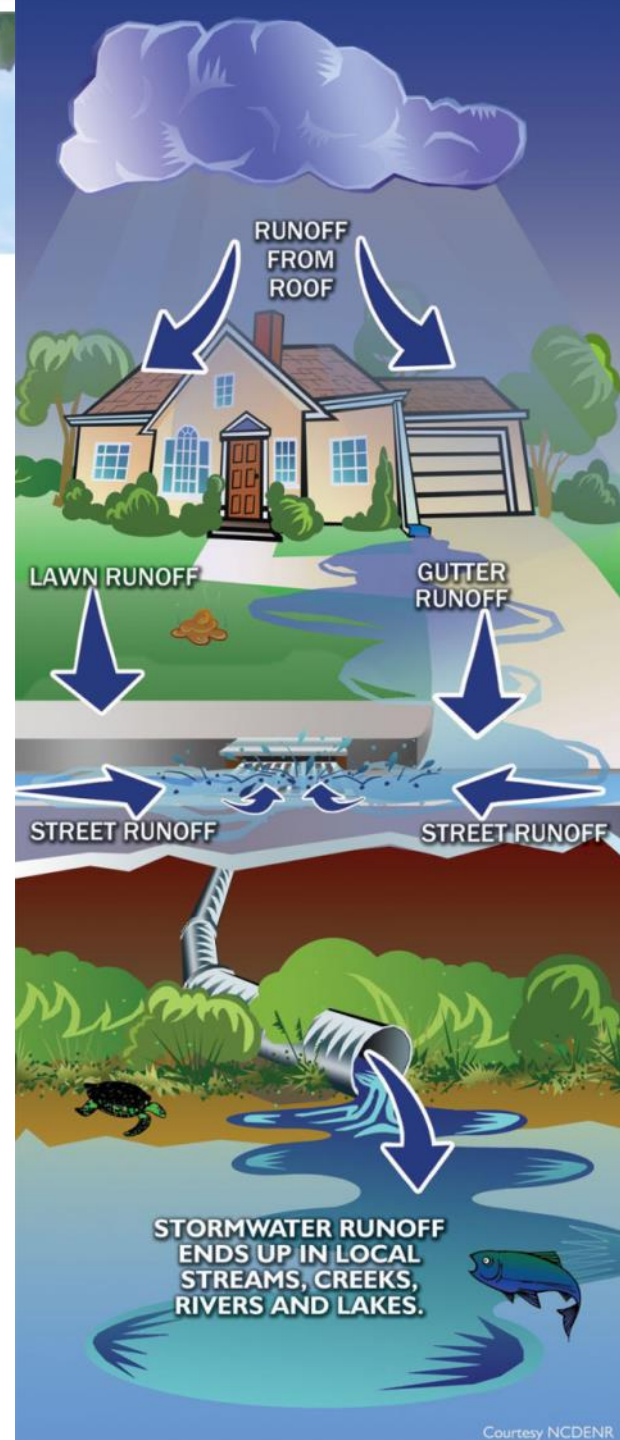


What is the problem?



RAIN Goals

- Lead outreach programs to encourage urban landowners to
 - reduce volume** & pollution entering rivers via storm sewers
 - apply for credits**
- Measure results
- Create a resource database for the community
- Create a model to be replicated across Canada





Why care?

*Working together for
healthier homes and
sustainable communities*

RAIN Program: A paddler's perspective on stormw...

Share

▼ More info



SLOW it DOWN

- 💧 Disconnect Downspouts
- 💧 Rainwater harvesting
- 💧 Enhance urban forest

SOAK it up

- 💧 Rain gardens
- 💧 Infiltration Galleries
- 💧 Permeable Paving

Keep it CLEAN

- 💧 Reduce toxins entering waterways
- 💧 Examples: salt, fertilizer, soaps, pet poop

Residential Stormwater Credits

Credit Type	Volume Captured	Examples	Kitchener Credit	Waterloo Credit
Basic Residential Credit	200 - 800 L	1-4 rain barrels; small cistern	20%	9-18%
Normal Residential Credit	801 - 3200 L	Large cistern; cistern + rain barrels	30%	27-36%
Enhanced Residential Credit	3201 L or more	Large cistern; infiltration gallery; permeable paving	45%	45%

Residential Credits

Building Footprint: 226 m²

Annual Charge: \$126/year

Credit (up to 45%): **\$57/year**



Cities of Kitchener and Waterloo Commercial and Institutional Credits

- Up to 45% credit on monthly stormwater fee
 - 25% volume controls
 - 15% quality controls
 - 5% education
- City of Waterloo annual \$250 application fee, \$0 fee for Kitchener

Commercial Credits

Impervious Area: 74,336 m²

Monthly Charge: \$2,196.90/month

Credit (up to 45%): **\$988.60/month**

*The more you pave,
the more you pay!*





💧 Credits started October 2012
in City of Kitchener
www.kitchener.ca/stormwater

💧 Credits started January 2013
in City of Waterloo
www.waterloo.ca/stormwater



💧 Visit
www.reepgreen.ca/rain
for the applications!

Visit REEP House for Sustainable Living!

By donation:

- Saturday drop-ins
10am-2pm
- Wednesday night
registered tours

Featuring:

- Rain garden
- Permeable paving
- Cisterns
- Infiltration gallery



RAIN BARREL RAIN Blitz

- 1, 245 barrels sold
- \$13,000 fundraised
- 10 local groups benefited!

More local groups fundraising
this Spring 2013

\$50 barrels; \$25 diverters

Order today! www.reepgreen.ca/rain



RAIN Home Visits

Working together for
healthier homes and
sustainable communities





Interfaith Bridge Building rain garden construction event at REEP House 2011

 **6 in 2013**

 2 in Waterloo

 4 in Kitchener





- 💧 Permeable paving
- 💧 Rainwater harvesting
- 💧 Pumps for irrigation
- 💧 Rain garden



June 4, 2013 RAIN Workshop





RAIN HANDS-ON RAIN WORKSHOPS

Working together for
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sustainable communities

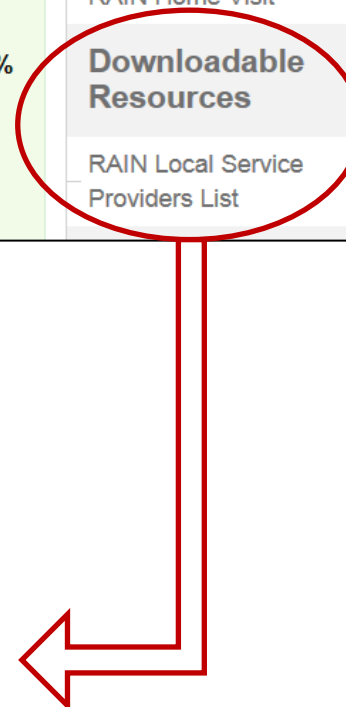
- 💧 **June 11:** *KCI*
Rain Garden Sizing, Construction & Care
- 💧 **June 19:** *St. John the Evangelist*
Cisterns & Rain Gardens
- 💧 **July 2:** *Aboriginal Student Centre, Laurier*
Rain Gardens on a Slope
- 💧 **July 9:** *Aboriginal Student Centre*
Above-Ground Cisterns

REGISTRATION REQUIRED



<p>Home Services</p> <ul style="list-style-type: none"> ecoENERGY Evaluations Home Assistance Program RAIN Home Visit Well Aware <p>Community Projects</p> <ul style="list-style-type: none"> ClimateActionWR The Great Draftproofing Crackdown RAIN REEP House for Sustainable Living Union Gas Home Reno Rebate 	<p>RAIN</p>  <p>RAIN Home Visit</p> <p>Register for a free RAIN Home Visit to learn how to:</p> <ul style="list-style-type: none"> • keep your basement dry • save money on your water bills • qualify for stormwater credits  <p>Apply for Stormwater Credits</p> <p>Kitchener and Waterloo property owners: Apply for an ongoing credit of up to 45% of the stormwater fee on your utility bill:</p> <p>City of Kitchener Stormwater Credit Application</p> <p>City of Waterloo Stormwater Credit Application</p>	<p>RAIN Pages</p> <ul style="list-style-type: none"> Main Page About the Program The Issue Slow it Down Soak it Up Keep it Clean RAIN Home Visit <p>Downloadable Resources</p> <ul style="list-style-type: none"> RAIN Local Service Providers List
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<p>Home</p> <p>Incentives & Resources</p> <ul style="list-style-type: none"> Incentives and Rebates Local Contractors House Profiles by Decade Green Home Planner 	<p>About</p> <p>Services & Programs</p> <p>Incentives & Resources</p> <p>For Homeowners</p> <p>Lists of Local Service Providers</p> <ul style="list-style-type: none"> General Contractors List Renewable Energy Contractors List RAIN Service Providers List: Stormwater Management Services
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- ✓ Like us on Facebook
- ✓ Check out **REEPOutreach** on YouTube
- ✓ Sign up to our monthly e-newsletter



Working together to leave a Grand legacy for generations to come!



Photo Credit: Grand River, Paul Parker, 2011



RAIN IS RESOURCE

www.reepgreen.ca/rain



Learn to manage the rain that falls on your property



Learn which actions qualify for stormwater utility credits