

Presentation to City of Surrey Council  
On April 8, 2013

## **Rainwater Management in a Watershed Sustainability Context:**

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*The City of Surrey is a leader by example*

Kim A Stephens, M.Eng., P.Eng., Executive Director



the partnership  
for water sustainability in bc

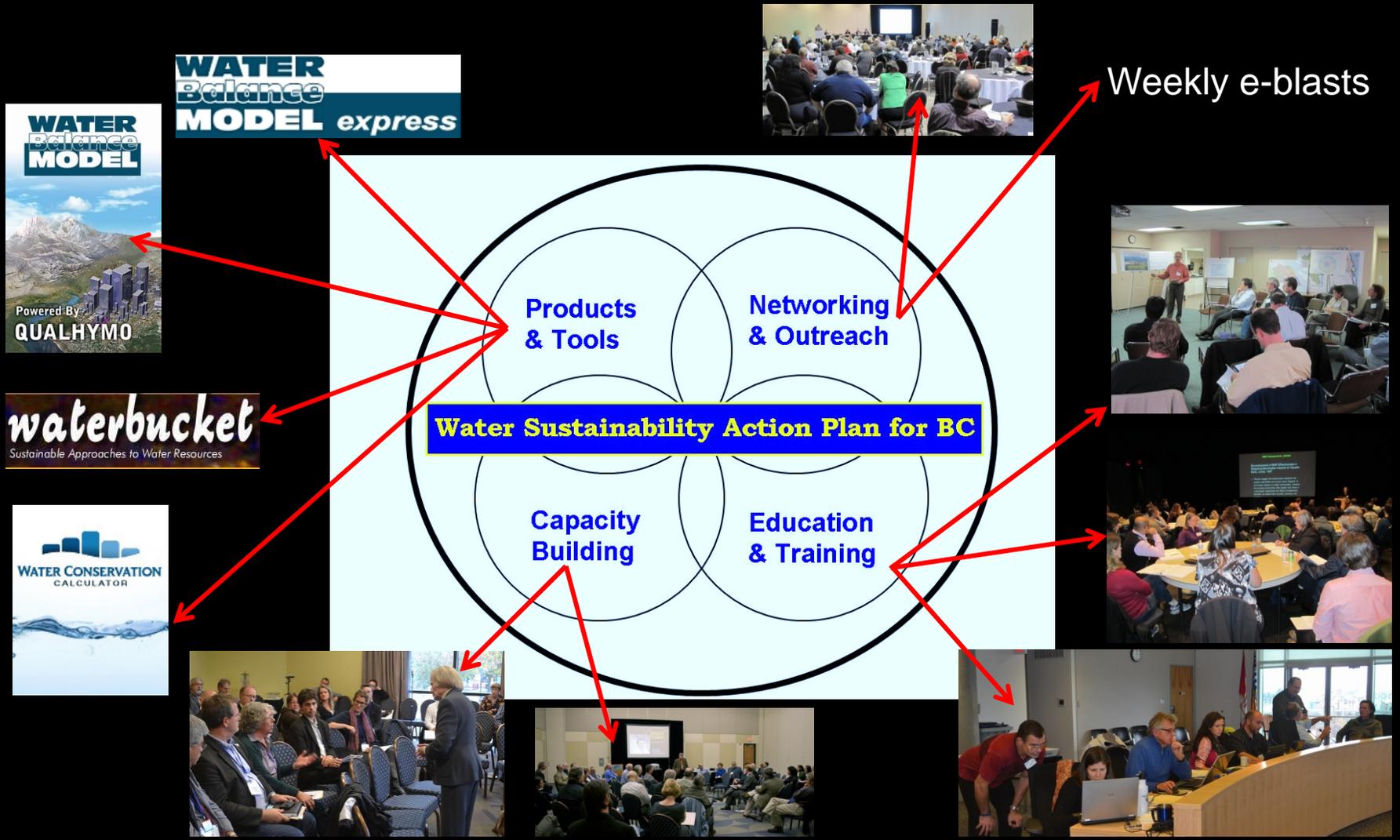


the partnership  
for water sustainability in bc

- A not-for-profit society.....We are volunteers!
  - Metro Van and majority of municipalities are charter members
  
- Bridging role between Province, local government and community:
  - Foster alignment of regional and local actions with provincial goals
  - Facilitate inter-regional collaboration in local government setting
  
- Implementation arm for *Living Water Smart* and *Green Communities*:
  - Delivering *Water Sustainability Action Plan* through partnerships
  - Hub for “convening for action” network in local government setting

# Convening for Action in British Columbia

*We develop tools. We develop talent.*



# Surrey - A City of Champions

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Staff who have contributed to Partnership successes



Vincent Lalonde



Paul Ham



Carrie Baron



Remi Dube



Jeff Arason



Jeannie Lee



David Hislop

## In July 2002, Surrey was a founding member of the Water Balance Model Partnership

The City has played a guiding role in the evolution of this decision support tool



Remi Dube



Members of the original project team

In May 2004, Surrey hosted its first *Water Balance Model Forum*.  
The City also hosted WBM training sessions in 2008 and 2011.

## In May 2005, Surrey hosted a regional Green Infrastructure Consultation Workshop

The outcome was a work plan that has driven “Convening for Action in BC” and has been implemented as a regional-scale demonstration on Vancouver Island



Vincent Lalonde

From a provincial perspective,  
this truly was a defining day!



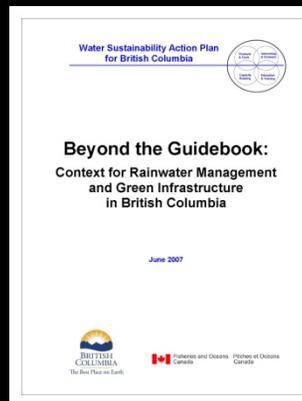


# In November 2007, Surrey provided the core content for launch of the “Beyond the Guidebook Initiative”

Surrey case studies are foundation pieces for provincial approaches and tools

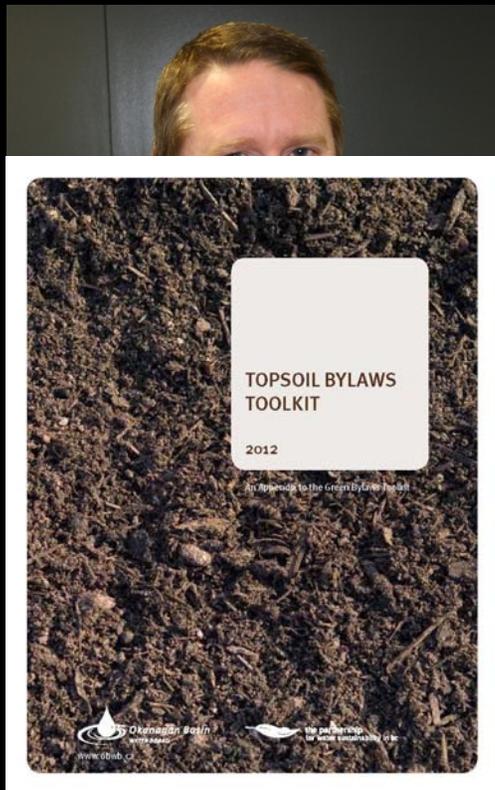


Remi Dube designed a charrette exercise around implementation of Fergus Creek watershed plan



## In March 2009, the City hosted the Metro Vancouver Water Balance Model Forum

Getting Green Infrastructure “Built Right”: Moving Beyond Pilot Projects to a Broader Watersheds Objectives Approach



“Surrey hosted the Forum because we wanted to start a dialogue between policy-makers and project implementers. We approached the program design from a *shared responsibility* perspective.”

We explored how **policy and legal tools can help developers, regulators and designers collaborate to ensure responsible outcomes.**”

An outcome was the “Topsoil Bylaws Toolkit”, a provincial guidance document released in 2012

## In November 2011, the City hosted the pilot 2-day “Course on the ISMP Course Correction”

Get the Watershed Vision right. Set achievable targets. Provide planners with the detail necessary to guide site level decisions. Then implement.

“Integration is the KEY MESSAGE – integration with the ecosystem, recreation, land use and community groups. Use effective green infrastructure, lighten the ‘water footprint’, and protect stream health.”



Carrie Baron

## Surrey experience is currently informing the “Georgia Basin Inter-Regional Education Initiative”

*A tangible outcome in 2013 would be an outcome-oriented performance monitoring framework for watershed health*



Inter-regional collaboration will help everyone go farther, more efficiently and effectively , to:

- design with nature
- implement green infrastructure
- mimic the water balance

*So that local governments can:*

- reduce risk
- restore stream / watershed health
- comply with regulatory objectives

# The Partnership for Water Sustainability in BC is pleased to recognize the City of Surrey as a **Champion Supporter**

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“The City of Surrey’s long-term commitment is helping the Partnership advance the vision for water sustainability through implementation of green infrastructure policies and practices.”

Tim Pringle  
President

