

Presentation to Metro Vancouver Utilities Committee
November 2015

Moving Towards “Sustainable Watershed Systems, through Asset Management”

*Collaborative Initiatives Will Help Local Governments
Better Deliver on Regulatory Compliance*

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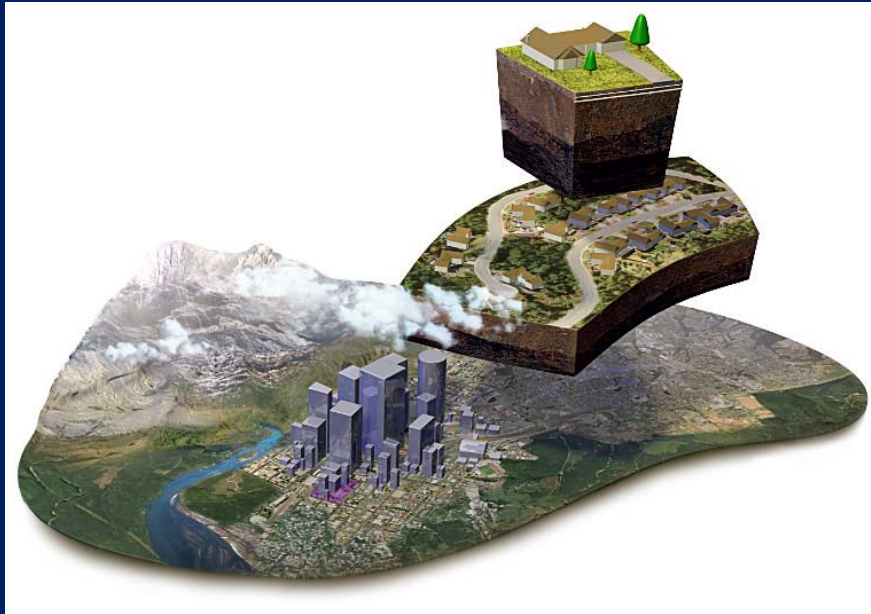


Metro Vancouver is a partner in the Georgia Basin Inter-Regional Educational Initiative (IREI)...



- Launched in 2012
- *“Through sharing & learning, ensure that where we are going is indeed the right way”*
- The Partnership is the secretariat
- Endorsed by 5 Regional Boards, including **Metro Vancouver** – in April, all recommitted through 2017
- Surrey and Coquitlam represent region on the Inter-Regional Leadership Team
- **By 2017**, a program goal is that all local governments would *understand* how to achieve ‘**Sustainable Watershed Systems, through Asset Management**’

INTRODUCING THE NEW PARADIGM – *“Watersheds as Infrastructure Assets”*

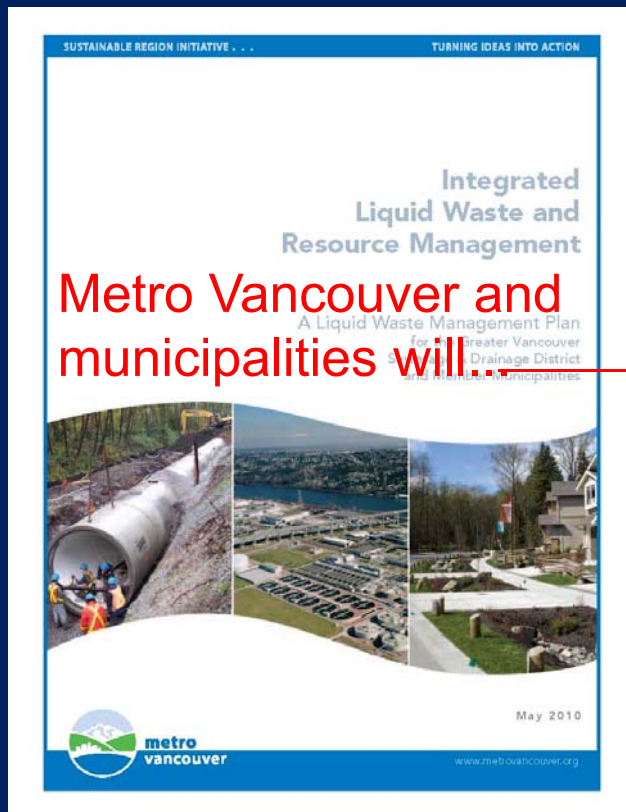


A watershed is an **integrated system**.

The **three pathways** by which rainfall reaches streams are ‘infrastructure assets’.

The three pathways provide **‘water balance services’**.

Learn from those who are doing it right, implement required actions, manage watersheds as infrastructure assets.... and municipalities will achieve “Sustainable Watershed Systems”



1.1.12 - Facilitate region-wide strategies and actions for rainwater management

1.1.20 - Update bylaws

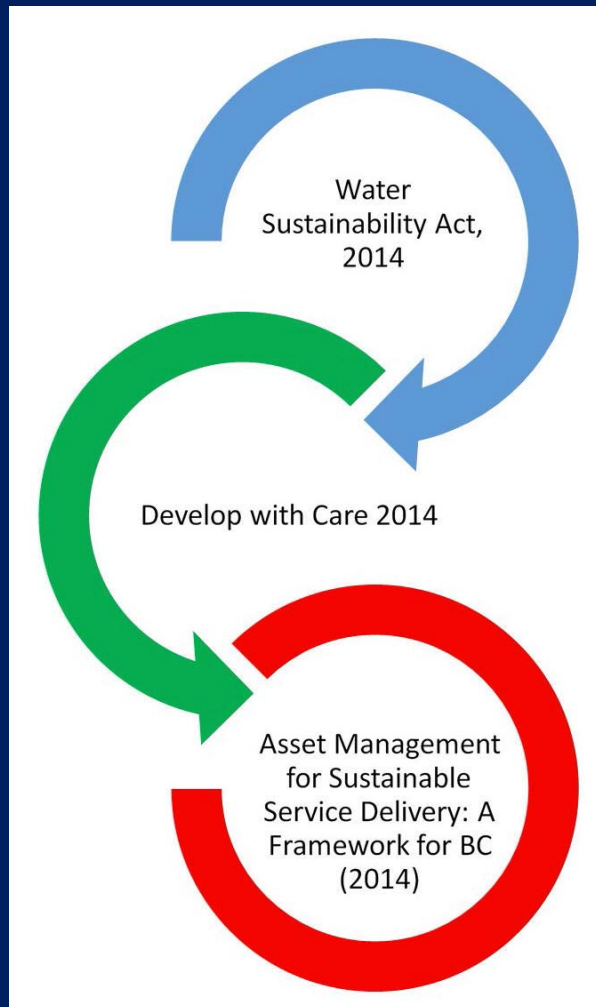
1.1.21 - Update neighbourhood design guidelines

3.4.7 - Develop & implement ISMPs

NOTE: use of the term “watershed blueprint” helps to create a picture (mind-map) of how to achieve the vision (desired future condition)

3.5.9 - Report out annually to MOE

The BC Framework is the lynch-pin for local government action to protect “Water Balance integrity” through asset management:



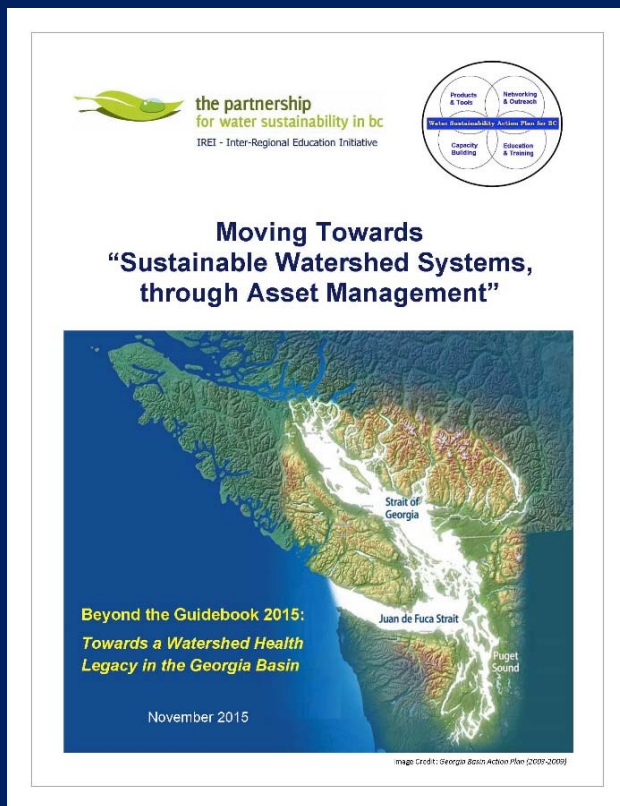
*“Water-Resilient Communities” -
What happens on the land matters!*

2003 – The Teachable Year

2008 – Call to Action

2014 – Game-Changers Enable Action

‘Beyond the Guidebook 2015’ is the third in a series, celebrates work by local government champions, and...




DEFINES three “cascading objectives” for watershed-based action

EXPLAINS three provincial “game-changers” that enable action

SHOWCASES five “regional stories”, including the Metro Vancouver region

PREVIEWS the work plan for integrating the water balance services provided by soil, water and trees into asset management



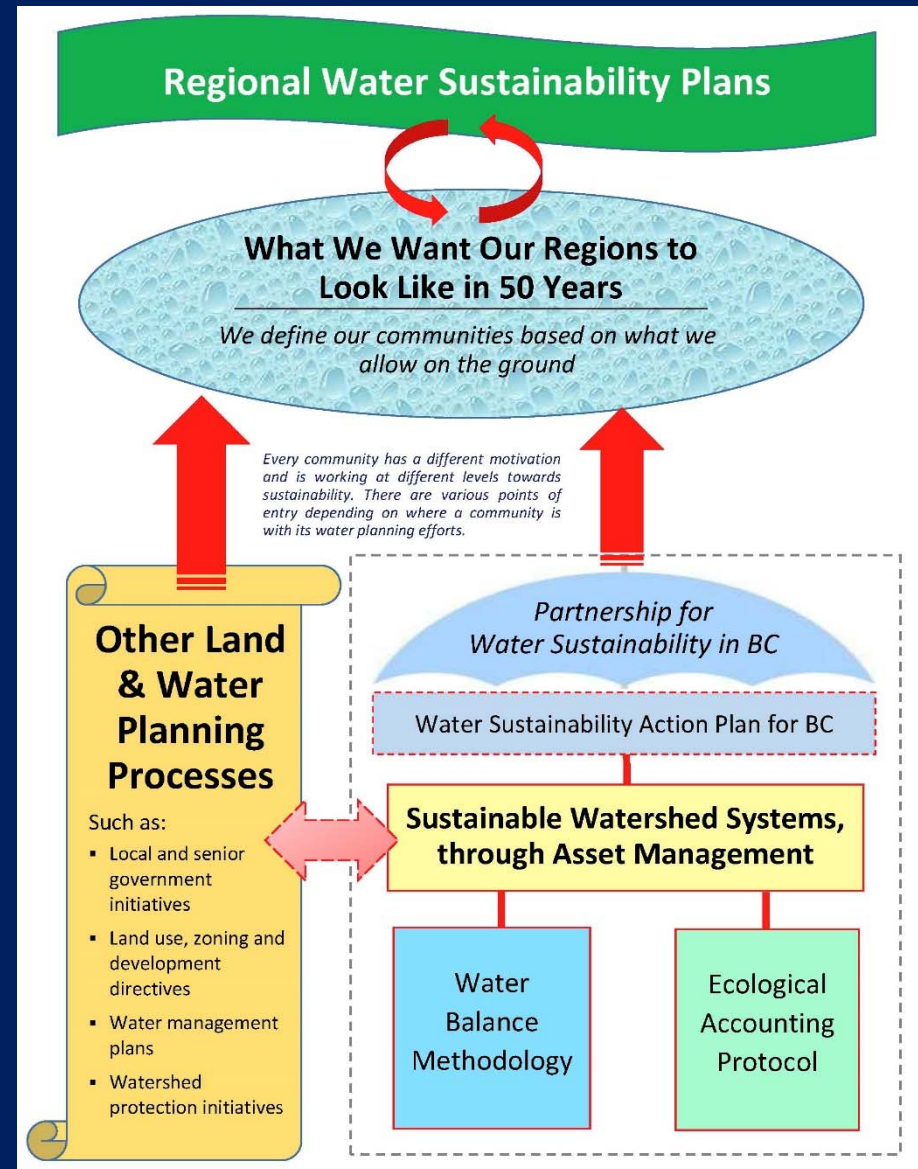
North Van District, Surrey & Coquitlam – the first municipalities in Metro Vancouver region to operationalize *Water Balance Express for Landowners*

Water Balance Express complements ISMP implementation

The Express is an online tool that helps landowners SLOW, SPREAD & SINK rainwater runoff so that their properties comply with Water Balance Targets established by an ISMP

Mind map for making the link between:

- *local government services,*
- *the infrastructure that supports the delivery of those services, and*
- *watershed health*





The climate in BC is changing:
wetter, warmer winters; longer, drier summers.

Maintain Water Balance integrity
to ensure water supply in dry weather and
prevent drainage impacts in wet weather.

And in conclusion, the Partnership invites you to attend...

***“Feast AND Famine! – Flood AND Drought!
– What Happened to the Balance?”***



“We had no idea until recently how much influence the hydrological cycle has on our day to day lives”

Bob Sandford
Author & Water Champion

Keynote Presenter for
“Feast AND Famine Workshop”
on December 1 in Richmond

*The Partnership's **Champion Supporter** designation recognizes municipal champions who are making exceptional contributions...*



Metro
Vancouver



City of Surrey



North Vancouver
District



North Vancouver
City



City of Coquitlam

Next, on December 7.....
Corporation of Delta