

Beyond the Guidebook¹ Primer Series

Integrating the Site with the Watershed, Stream and Aquifer

Primer on Rainwater Management in an Urban Watershed Context (2011)

<http://www.waterbucket.ca/rm/sites/wbcrm/documents/media/239.pdf>

Provides engineers and non-engineers with a common understanding of how a science-based approach to rainwater management has evolved since the mid-1990s.

Primer on Urban Watershed Modelling to Inform Local Government Decision Processes (2011)

<http://www.waterbucket.ca/rm/sites/wbcrm/documents/media/243.pdf>

Provides engineers and non-engineers with guidance in three areas: setting performance targets, defining levels-of-service, application of screening / scenario tools.

Primer on Integrated Rainwater and Groundwater Management for Lands on Vancouver Island and Beyond (2012),

http://waterbucket.ca/wp-content/uploads/2012/05/3_Primer-on-Integrated-Rainwater-Groundwater-Management-for-Lands-on-Vancouver-Island_April-2012.pdf

Provides engineers and non-engineers with a common understanding of the links between rainfall, groundwater movement and surface flows in sustaining aquatic life.

Primer on Land Development Process in BC: Industry Standards of Practice in Implementing Rainwater Management (2013)

http://waterbucket.ca/cfa/files/2013/09/4_Primer-on-Land-Development-Process-in-BC_September-2013.pdf

Provides context and general guidance for implementing rainwater management systems at the site, subdivision, neighbourhood or community scales.

Primer on Water Balance Methodology for Protecting Watershed Health (2014)

http://waterbucket.ca/wp-content/uploads/2012/05/Primer-on-Water-Balance-Methodology-for-Protecting-Watershed-Health_February-2014.pdf

Provides guidance on how to apply the Water Balance Methodology and quantify three performance targets, namely: storage volume, infiltration area and flow release rate.

Primer on Underground Rainwater Discharge – Facility Siting and Design Practices for Protection of Groundwater Resources (to be released later in 2014)

Provides context and specific guidance for design of engineered systems for collection and underground discharge of rainwater runoff far below the ground surface.



*Mimic the Natural Water Balance to Reduce Risk,
Protect Watershed and Stream Health, and
Comply with Regulatory Requirements!*

¹Stormwater Planning: A Guidebook for British Columbia
<http://www.env.gov.bc.ca/epd/mun-waste/waste-liquid/stormwater/index.htm>