

Rainwater Management & Green Infrastructure: Resources and Successes for Protecting Stream Health

In 2002, when [Stormwater Planning: A Guidebook for British Columbia](#) was published, its underlying premise that **land development and watershed protection can be compatible** represented a radical shift in thinking. The Guidebook recognized that water volume is something over which local government has control through its infrastructure policies, practices and standards. [Beyond the Guidebook](#) is an inter-governmental initiative that builds on this foundation by advancing a runoff-based approach and tool – the ‘[Water Balance Model powered by QUALHYMO](#)’ – to help local governments achieve desired urban stream health and environmental protection outcomes at a watershed scale.

TIME	OBJECTIVE	1- WHAT DO YOU KNOW?	2- WHAT DO YOU WONDER?	3- WHAT HAVE YOU LEARNED?
PART A (WHY) – GREEN INFRASTRUCTURE INNOVATION: ON-THE-GROUND SUCCESSSES				
0900 - 1030	Participants will be able to: Express why showcasing on-the-ground successes will help change the way we develop land and manage rainwater runoff.	Our objective is to: Assess what the group understanding is by asking: <i>What does being a champion mean to you, and do you have an example of innovation that you wish to share?</i>	Participants will be led through the rationale for integrating the Water Balance Model with QUALHYMO in order to correlate green infrastructure practices with stream health protection.	Participants will be asked: Is it clear why application of the runoff-based approach to rainwater management results in cumulative stream health benefits at a watershed-scale?
PART B (WHAT) – BEYOND THE GUIDEBOOK: APPLYING WHAT WE HAVE LEARNED TO PROTECT STREAM HEALTH				
1050 - 1230	Participants will be able to: Express why there is a shift in thinking from single-function stormwater management to integrated and comprehensive rainwater management.	Our objective is to: Assess what the group understanding is by asking: <i>Are you familiar with the ‘learn by doing’ approach that is at the heart of the Stormwater Planning Guidebook?</i>	Participants will be introduced to the legal and policy strategies that support green infrastructure innovation and enable comprehensive rainwater management.	Participants will be asked: Do you understand the fundamental difference between <i>stormwater management</i> and <i>rainwater management</i> .
PART C (HOW) – A PILOT FOR BEYOND THE GUIDEBOOK: FERGUS CREEK WATERSHED PLAN				
1315 - 1700	Participants will be able to: Express how green infrastructure policies and practices can be successfully implemented at the site scale to protect stream health at the watershed scale.	Our objective is to: Assess what the group understanding is by asking: <i>What is your experience in developing and/or implementing changes in infrastructure regulations and/or practices?</i>	Participants will work in groups to resolve “how to do it” implementation issues related to on-site rainwater management and multi-purpose greenways	Participants will be asked: How do you envision using what you have learned today in your job tomorrow?