

# Surrey Water Balance Model Forum:

## Living Water Smart and Making Green Choices to Create Liveable Communities and Protect Stream Health

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### Lesson Plan – Draft Outline of What We Want to Achieve

(Note: This provides the starting point for developing individual lesson plans for all six topic areas)

Released in June 2008, Living Water Smart is the provincial government's vision and plan to encourage land and water managers and users to do business differently to achieve green infrastructure outcomes. By 2012, the Province's expectation is that *"all land and water managers will know what makes a stream healthy, and therefore be able to help land and water users factor in new approaches to securing stream health and the full range of stream benefits"*. **What does this mean to those involved in land development or redevelopment?**

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| <b>Before Lunch</b> | <b>Green Infrastructure in the City of Surrey: "Getting it built right"</b>   |
| 0900 – 1200         | <p>Organize the morning in three parts. Each time, tell a story to bridge-in and capture audience attention:</p> <ol style="list-style-type: none"> <li><b>1. Context and Overview: Establishing Expectations</b><br/>(allocate 30 minutes) <ul style="list-style-type: none"> <li>▪ Describe the forum's 2-part structure and identify learning outcomes</li> <li>▪ Describe the evolution of drainage planning in Surrey</li> <li>▪ Describe key neighbourhoods that embody the Surrey sustainability vision</li> </ul> </li> <li><b>2. East Clayton Sustainable Community: Lessons Learned On-the-Ground</b><br/>(allocate 45 minutes) <ul style="list-style-type: none"> <li>▪ Summarize the sustainability context</li> <li>▪ Review implementation experience for private and public rainfall capture systems</li> <li>▪ Reflect on lessons learned</li> </ul> </li> <li><b>3. Effective Implementation of Green Infrastructure: Making it Work in Surrey</b><br/>(allocate 90 minutes) <ul style="list-style-type: none"> <li>▪ Introduce a selection of innovative measures for rainfall capture</li> <li>▪ Share and reflect on the Grandview Heights experience</li> <li>▪ Share and reflect on the East Newton experience</li> </ul> </li> </ol>   |
| <b>After Lunch</b>  | <b>Alignment of Regional Actions with Provincial Goals and Objectives</b>   |
| 1300 - 1630         | <p>Organize the afternoon in three parts. Each time, tell a story to bridge-in and capture audience attention:</p> <ol style="list-style-type: none"> <li><b>4. Today's Expectations are Tomorrow's Standards</b><br/>(allocate 30 minutes) <ul style="list-style-type: none"> <li>▪ Recap the morning outcomes and the direction in which Surrey is heading, and why</li> <li>▪ State learning outcomes for the afternoon session</li> <li>▪ Elaborate on over-arching provincial policy framework</li> <li>▪ Summarize the Vancouver Island pilot program and emerging 'regional team approach'</li> <li>▪ Describe how the Forum can inform the Metro Vancouver Liquid Waste Management Plan</li> </ul> </li> <li><b>5. Making Green Choices: Opportunities for Law and Policy to Effect Change on the Ground</b><br/>(allocate 60 minutes) <ul style="list-style-type: none"> <li>▪ Introduce the Green Infrastructure Guide</li> <li>▪ Review the Commentary on Effective Municipal Rainwater/Stormwater Management</li> <li>▪ Conduct a town hall discussion that bridges from the morning session to a regional team approach</li> <li>▪ Set the scene for Topic #6 by examining Table 1 (Watershed Targets) in the Commentary</li> </ul> </li> <li><b>6. Making Green Choices: Use the Water Balance Model to Inform Land Development Strategies</b><br/>(allocate 90 minutes) <ul style="list-style-type: none"> <li>▪ Describe where we are and how we got here</li> <li>▪ Demonstrate how the WBM can be used to set performance targets at different scales</li> <li>▪ Conduct a town hall discussion that explores WBM applications to support green infrastructure</li> <li>▪ Conclude by describing "what is coming next"</li> </ul> </li> </ol> |