

Monitoring & Adaptive Management Framework for Protecting Watershed and Stream Health

Information Session on November 28, 2013

Hosted by Metro Vancouver

Location: Annacis Wastewater Centre, 1400 Lindsey Place, Delta, BC

Introduction to the Stormwater Adaptive Management Framework

Minister of Environment's approval of the Metro Vancouver region's Integrated Liquid Waste and Resource Management Plan included a requirement that Metro Vancouver will assist member municipalities to develop a coordinated program to monitor stormwater and assess and report the implementation and effectiveness of Integrated Stormwater Management Plans.

In 2012, an inter-governmental working group with staff from municipalities, Metro Vancouver, and Ministry of Environment was tasked with developing a weight-of-evidence performance measurement approach that would be available to all Metro Vancouver member municipalities. The draft Adaptive Management Framework (AMF), which has been developed, provides a universal, consistent, yet flexible, monitoring framework that may be implemented across municipalities of different sizes, drainage patterns and budgets.

The AMF is meant to be a "living document", adaptively managed itself, and updated as required to reflect advances in stormwater/rainwater management, monitoring techniques, and to build on the accumulated experience of stakeholders in the ISMP process. It enables municipalities to report out biannually (to the Ministry of Environment), pursuant to the requirements of the region's Integrated Liquid Waste and Resource Management Plan, on the effectiveness of watershed-based planning initiatives and the health of their watersheds. If the Ministry of Environment is satisfied that this assessment program could result in improvement of Integrated Stormwater Management Plans and protect stream health, the deadline for municipal completion of these plans may be extended from 2014 to 2016.

The draft AMF was presented to members of the regional Stormwater Interagency Liaison Group (SILG) and the Environmental Monitoring Committee (EMC) on September 26, 2013. This additional session, on November 28, 2013, has been arranged to present the information to a broader audience and garner additional feedback before the AMF is finalized.

TARGET AUDIENCE: Any public or private parties involved or interested in implementing watershed-based planning, monitoring and adaptive stormwater management applications – all of which focus on bringing about continuous improvements in watershed health. The session is particularly relevant for:

- Municipalities — engineering, planning, development or environmental staff
- Consultants — engineers, scientists, planners

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| Stormwater and Watershed Health Monitoring and Adaptive Management in the Metro Vancouver Region | | |
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| 9:30 - 3:00 | Session Structure: | <p>Arrival and Registration (30 minutes)</p> <p>Metro Vancouver Opening and Introduction Remarks (15 minutes)</p> <ul style="list-style-type: none"> ▸ Speaker: Andjela Knezevic-Stevanovic, Metro Vancouver <p>Part 1: Adaptive Management Framework Introduction and Overall Approach</p> <ul style="list-style-type: none"> ▸ Context Presentation (15 minutes) ▸ Questions and Answers (5 minutes) ▸ Speaker: Melony Burton, City of Coquitlam <p><i>Refreshment Break from 10:35 until 10:45</i></p> <p>Part 2: The Framework: Why, What and When to Monitor</p> <ul style="list-style-type: none"> ▸ Context Presentation (25 minutes) ▸ Questions and Answers (10 minutes) ▸ Speaker: Julie Pavey, District of North Vancouver <p><i>Refreshment Break from 11:20 until 11:35</i></p> <p>Part 3: Data Collection, Analysis and Assessment</p> <ul style="list-style-type: none"> ▸ Context Presentation (25 minutes) ▸ Questions and Answers (10 minutes) ▸ Speaker: Krista Payette, Ministry of Environment <p><i>Lunch Break from 12:10 until 12:45</i></p> <p>Part 4: Reporting, Supplemental Monitoring, Adaptive Management Planning and Practices</p> <ul style="list-style-type: none"> ▸ Context Presentation (20 minutes) ▸ Questions and Answers (5 minutes) ▸ Speaker: Carrie Baron, City of Surrey <p><i>Refreshment Break from 1:10 until 1:25</i></p> <p>Part 5: Test Run of the Framework, Case Studies and Cost Estimates</p> <ul style="list-style-type: none"> ▸ Context Presentation (15 minutes) ▸ Questions and Answers (10 minutes) ▸ Speaker: Helia Yazdanpanah, Metro Vancouver <p>Part 6: Open Floor Discussion (60 minutes)</p> <p>Metro Vancouver Closing Remarks (10 minutes)</p> |

Please RSVP by **November 19, 2013**. RSVP Tess Capellan at Tess.Capellan@metrovancouver.org if you have not received an Outlook invite and would like to attend.