

SMART DEVELOPMENT & Stormwater Management

TRAVEL & ACCOMMODATION

FOR INFORMATION ON FORUM LOCATION(S) AND FOR SPECIAL "SMART"
ACCOMMODATION RATES FOR ABBOTSFORD AND PITT MEADOWS

CONTACT SUSAN McCALLUM AT 1-888-826-6252

OR E-MAIL

SMARTSTORM@NORTHFRASER.ORG

OVERCOMING INSTITUTIONAL BARRIERS: FROM PLANNING TO IMPLEMENTATION

DAY 1: THURSDAY MARCH 1ST, 2001

CENTENNIAL AUDITORIUM, ABBOTSFORD CITY HALL
32315 SOUTH FRASER WAY

DAY 2: FRIDAY MARCH 2ND, 2001

PITT MEADOWS RECREATION HALL
12460 HARRIS ROAD



City of Abbotsford



Fisheries and Oceans
Canada

Environment
Canada



Community Futures
Development Corporation

Pêches et Océans
Canada
Environnement
Canada



Greater
Vancouver
Regional
District



BRITISH
COLUMBIA

Ministry of Environment,
Lands, and Parks

Ministry of Municipal Affairs



INTRODUCTION

The goal of smart development is to implement an integrated and balanced approach to land use. Smart development protects property and sustains natural systems in a cost effective manner. Stormwater management is at the heart of smart development. Whereas traditional stormwater management is based on end-of-pipe solutions, a smart approach starts at the source - where rain falls.

This is the third part of a series that builds on the momentum and lessons learned from previous Vancouver Island and Sunshine Coast forums. It has been designed as a two day event to accommodate the size and complexity of the Lower Mainland. The morning session is common to both days, while the afternoon sessions contain separate case studies. Day 1 will address rural/suburban issues, and Day 2 will address suburban/urban issues. Using a case study approach, the forum will present new information on the following core issues:

Community Commitment - Obtaining and sustaining public support for alternative approaches to stormwater management and smart development - Building the political will.

Integrated Solutions - Integrating ecological perspectives into land use planning, engineering and construction from site to watershed levels - Implementing changes needed for a long-term vision.

The Georgia Basin provides a regional context for the forum, while the program content addresses the diverse rural, suburban and urban issues within the Greater Vancouver and Fraser Valley Regional Districts. This forum will present successes and failures in the way that stormwater can be managed. Interactive sessions will encourage an open dialogue to relay experiences of communities and government.

This workshop is designed for planners, engineers, elected officials, the real estate and development community, First Nations and community stewards.



Overcoming Institutional Barriers: from Planning to Implementation

Agenda

7:30 - 8:30 Registration - Meet and Greet (continental breakfast)
 8:30 - 8:45 Welcome (Host Mayor)
 Introduction of Presentation Team & Opening Statement
 (Pamela Zevit)

CREATING IMAGINATIVE & INTEGRATED STORMWATER MASTER PLANS

8:45 - 9:00 The Political Consequences of Doing the Wrong Thing: Why Elected Officials Must Consider Smart Development
 (Mayor Barry Janyk)

9:00 - 9:30 Rainfall and Runoff: What the Science is Telling Us About Urban Impacts
 (Kim Stephens)

Barriers to Implementation of Integrated Plans: Risk, Liability, Cost and Political Will
 (Kim Stephens)

9:30 - 10:10 Cross-Border Stormwater Initiatives: Sharing Solutions to Aquatic Habitat Protection and Salmon Recovery in the Georgia Basin-Puget Sound Bio-Region
 (Erik Karlsen & Bill Derry)

10:10 - 10:30 Interactive Session: Integration of Stormwater Management and Land Use Planning at the Watershed Level
 (facilitated by Mayor Barry Janyk)

10:30- 10:45 STRETCH

APPLYING NEW APPROACHES TO LAND DEVELOPMENT, CASE STUDIES ON MODEL SUSTAINABLE COMMUNITIES

10:45 - 11:15 Burnaby Mountain Urban Community at Simon Fraser University: Resolving Stakeholder Fear and Doubt, and Managing Stormwater at the Source
 (David Reid)

11:15 - 11:45 Headwaters Suburban Community in Surrey: Understanding and Overcoming the Institutional Reluctance to Change Old Habits
 (Patrick Condon)

11:45 - 12:15 Interactive Session: Local Government and Developer Perspectives on Integration of Stormwater Management and Green Infrastructure
 (facilitated by Mayor Barry Janyk)

12:15 - 1:15 LUNCH BREAK

INTEGRATING STORMWATER MANAGEMENT AND LAND DEVELOPMENT

1:15 - 1:45 Low Impact Development (LID): Puget Sound Case Studies on Integrating Beneficial Solutions at the Watershed, Community and Site Scales
 (Bill Derry)

MARCH 1ST IN ABBOTSFORD

1:45 - 2:15 Master Drainage Planning in the City of Chilliwack: Managing Stormwater in the Uplands to Protect the Agricultural Lowlands
 (Kim Stephens)

MARCH 2ND IN PITT MEADOWS

1:45 - 2:15 Como Creek Urban Retrofit Watershed Management Plan: Achieving Full Integration of the Planning, Engineering and Ecological Perspectives in the City of Coquitlam
 (Kim Stephens)

2:15 - 2:45 New Directions in Stormwater Management (DFO, MoELP, & MAFF on Day 1) (DFO, MoELP, & GVRD on Day 2)

2:45 - 3:00 STRETCH

BUILDING ON WHAT WE HAVE HEARD

3:00 - 4:30 Interactive Session: Challenges and Opportunities for Implementing Change at the Local Government Level in the Georgia Basin
 (facilitated by David Reid)

4:30 - 4:45 Reality-Check on Overcoming Institutional Barriers: Experience in Other Regions
 (Bill Derry)

4:45 - 4:55 Closing Statement: So What Now?
 (Mayor Barry Janyk)

Speakers

Patrick Condon — UBC's Chair of Landscape and Livable Environments - has been published widely and lectured at many North American universities on topics ranging from sustainable community design to landscape space perception theory. As Chair, he has organized a series of design charettes for sustainable urban landscapes, and developed alternative development standards for sustainable communities. Patrick is a partner in the firm of Moriarty/Condon Ltd., and is the driving force behind the Headwaters Sustainable Development Demonstration Project in the City of Surrey.

Bill Derry, senior consultant with CH2M Hill Inc. in Seattle — has more than 25 years experience in utility management and the development of research and regulatory programs involving surface and storm water. Bill has been a leader in establishing a solid scientific basis for evaluating Best Management Practices and in transferring information about new technologies to the professional community, and is a member of a National Expert Panel.

Barry Janyk — is a past Councillor and the present Mayor for the Town of Gibsons. Now embarking on his fourth career, Barry was formerly a forestry contractor, and then a helicopter owner and commercial operator. Further to studies in mediation and negotiation, he has designed employment and natural resources diversification strategies for agencies and businesses throughout the province. Recognized as one of the new breed of locally elected representatives, he challenges accepted development practices where they appear to conflict with common sense.

Erik Karlsen — is Director of Special Projects for the Ministry of Municipal Affairs' Growth Strategies Office, and the recent recipient of the Fraser Basin Council's Doreen Wright award for personal excellence in facilitating sustainability. He was also involved with the preparation of the **Stewardship Series** of publications, and is a member of the Advisory Committee for the Headwaters Sustainable Development Demonstration Project in the City of Surrey. Erik's experience in local government planning and a range of regional planning, community planning, and sustainability initiatives span 30 years.

David Reid, landscape architect and principal of Lanarc Consultants Ltd. has been instrumental in the design and preparation of guideline documents for environmental planning and land development as part of the **Stewardship Series**. David has applied these ideas through a wide variety of project work for private and public sector clients in communities on Vancouver Island, and on the Lower Mainland, including the Burnaby Mountain Community Corporation.

Kim Stephens, vice-president of CH2M HILL Canada Limited — is a UBC graduate with an interdisciplinary master's degree in water resource planning who has worked as an engineering consultant for over 25 years. He specializes in strategic/master planning and policy assessment related to wet-weather and water supply issues. Kim has been project manager for numerous master drainage planning and integrated stormwater management studies. Together with Bill Derry, he has been guiding municipalities away from 'end-of-pipe' solutions to ones that are ecosystem-based. Kim was recently honoured with the APEGBC 2000 Environmental Award for the Stoney Creek Strategy and Plan.

Registration

SMART DEVELOPMENT & STORMWATER MANAGEMENT: OVERCOMING INSTITUTIONAL BARRIERS: FROM PLANNING TO IMPLEMENTATION THURSDAY MARCH 1ST, 2001 OR FRIDAY MARCH 2ND, 2001

COST \$75.00/DAY (INCLUDES FORUM PROCEEDINGS & LUNCH), COST AFTER FEBRUARY 12TH, \$100.00/DAY

Name:

Address:

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Postal Code:

Phone:..... Facsimile:.....

E-mail:



Organization Represented:

Which day will you be attending?
 March 1st, Abbotsford March 2nd, Pitt Meadows

Please indicate special dietary requirements

Method of Payment: Cheque Visa Mastercard

Card Number Expiry Date

PAYMENT INCLUDED: \$  

Registration by cheque, Visa, M/C is payable by mail, fax or e-mail. Registration forms and forum information is also available through the Community Futures web site: <http://www.northfraser.org>. Please make cheques payable to SMARTSTORM c/o Community Futures Development Corporation. **Registration closing date is February 12th 2001.** Seating confirmation will be dependent on receipt of payment. Early registration is recommended as seating may be limited. Full refunds will be made for cancellations received in writing seven days before the workshop.

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